BRUHAT BANGALORE MAHANAGARA PALIKE

RA BILL - 04

NAME OF THE WORK: White Topping of Road from Seshadripuram first grade College to Aroma Bakery Junction via 3rd Cross road,1st Main Road and 16th B Cross Road.

CLIENT: BRUHAT BANGALORE MAHANAGARA PALIKE

CONSULTANTS: Infra Support Engineering Consultants Pvt Ltd.

AGENCY: M/s **NCC LIMITED**

DETAILED MEASUREMENTS

BRUHAT BENGALURU MAHANAGARA PALIKE
ROYALITY STATEMENT-RA-04

Name of the work : WHITE TOPPING YELAHANKA FROM SHESHADRIPURAM FIRST GRADE COLLEGE TO AROMA BAKERY JUNCTION

Item no	Item	Total Qty	Metal			Sand			Total Amount in Rs
			coff	Rate	Amount	coff	Rate	Amount	
5	Construction of granular sub-base by providing Coarse graded material	14.85	1.1	126.00	2058.21		138.00		2,058.2
6	Providing, Laying , Spreading and Comapacting crushed aggregate (WMM)	1155.29	0.92	126.00	133920.7	0.045	138.00	7174.323	1,41,095.0
9	M40 Grade PQC	425.25	0.69	126.00	36971.11	0.46	138.00	26994.78	63,965.9
18	Providing, Laying of M30 concrete	81.33	0.69	126.00	7070.787	0.46	138.00	5162.797	12,233.6
26	Stone Dust	1091.93		126.00		1	138.00	150686.6	1,50,686.6
27	Providing, Laying of M15 concrete	789.86	0.84	126.00	83599.18	0.56	138.00	61040.67	1,44,639.8
28	Providing, Laying of M20 concrete	481.81	0.69	126.00	41888.72	0.43	138.00	28590.71	70,479.4
48	Providing, Laying of M15 concrete	40.50	0.84	126.00	4286.52	0.56	138.00	3129.84	7,416.4
E-1	Providing and constructing load bearing wall withsolid concrete blocks	126.52		126.00		0.022	138.00	384.1269	384.1
	TOTAL								**5,92,959.1**

27/10/23

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

NCC LIMITED BANGALORE
CONTRACTOR

PMC
Bengaluru

NCC LIMITED
BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 24 6/12/22, 22/12/22, 26/6/23, 27/6/23, 29/9/23

KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH I Chapter 3

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	For Footpath										
	Stretch : From CHIKKBOMMSANDRA JUNCTION TO DAIRY CIRCLE JUNCTION - LHS										
	1109.00	1127.00	CUM	1.00	18.00	2.24	2.23	2.24	0.40	16.09	
	1127.00	1130.00	CUM	1.00							Cross Road -Mufti
	1130.00	1171.00	CUM	1.00	41.00	2.00	2.40	2.20	0.40	36.08	
	1171.00	1177.80	CUM	1.00	6.80	2.30	2.30	2.30	0.40	6.26	
	1177.80	1197.40	CUM	1.00	19.60	2.30	2.30	2.30	0.40	18.03	
	1197.40	1201.10	CUM	1.00							2 nd B Main-Appolo
	1201.10	1221.40	CUM	1.00	20.30	2.70	2.80	2.75	0.40	22.33	
	1221.40	1226.50	CUM	1.00							3rd A Main-Battery Shop
	1226.50	1243.00	CUM	1.00	16.50	2.90	3.00	2.95	0.40	19.47	
	1243.00	1247.50	CUM	1.00							Cross Road -Focus Bay
	1247.50	1266.00	CUM	1.00	18.50	2.80	2.70	2.75	0.40	20.35	
	1266.00	1274.00	CUM	1.00							Cross Road-KOTAK ATM
	1274.00	1300.00	CUM	1.00	26.00	1.60	2.40	2.00	0.40	20.80	
	1300.00	1317.00	CUM	1.00	17.00	2.40	2.40	2.40	0.40	16.32	
	1317.00	1327.00	CUM	1.00							Cross Road-Agarwal Hospital
	1327.00	1350.00	CUM	1.00	23.00	2.10	2.50	2.30	0.40	21.16	
	1350.00	1390.00	CUM	1.00	40.00	2.50	2.80	2.65	0.40	42.40	
	1390.00	1430.00	CUM	1.00	40.00	2.80	2.60	2.70	0.40	43.20	
	1430.00	1456.00	CUM	1.00	26.00	2.60	2.80	2.70	0.40	28.08	
	1456.00	1465.00	CUM	1.00							Cross Road - Show off
	1465.00	1490.00	CUM	1.00	25.00	1.90	1.90	1.90	0.40	19.00	
	1490.00	1498.00	CUM	1.00							Cross Road - Asha Sweet
	1498.00	1502.00	CUM	1.00	4.00	0.80	0.80	0.80	0.40	1.28	
	1502.00	1510.00	CUM	1.00							Bus Stop -Exit
	1510.00	1568.00	CUM	1.00	58.00	1.90	1.90	1.90	0.40	44.08	
	1568.00	1590.00	CUM	1.00							Bus Stop -Entry
	1590.00	1628.00	CUM	1.00	38.00	2.40	2.60	2.50	0.40	38.00	
	1628.00	1635.00	CUM	1.00	7.00				0.40		Parking Lot-Gate
	1635.00	1660.00	CUM	1.00	25.00	2.40	2.90	2.65	0.40	26.50	
	1660.00	1700.00	CUM	1.00	40.00	2.90	2.60	2.75	0.40	44.00	
	1700.00	1730.00	CUM	1.00	30.00	2.60	2.60	2.60	0.40	31.20	
	1730.00	1736.00	CUM	1.00							Parking Lot-Gate
	1736.00	1745.00	CUM	1.00							Cross Road-Srinath Gold
	1745.00	1762.50	CUM	1.00	17.50	4.00	3.30	3.65	0.40	25.55	
	1762.50	1768.00	CUM	1.00							9th B Road
	1768.00	1780.00	CUM	1.00	12.00	5.70	5.70	5.70	0.40	27.36	
	1780.00	1786.00	CUM	1.00							Temple Entrance
	1786.00	1805.00	CUM	1.00	19.00	1.30	1.30	1.30	0.40	9.88	
	1805.00	1815.00	CUM	1.00							10th B Main-Travel Point
	1815.00	1828.00	CUM	1.00	13.00	1.80	1.80	1.80	0.40	9.36	
	1828.00	1836.00	CUM	1.00							11th B Main
	1836.00	1860.00	CUM	1.00	24.00	2.30	3.10	2.70	0.40	25.92	
	1860.00	1867.00	CUM	1.00							Cross Road -IT Mall
	1867.00	1880.00	CUM	1.00	13.00	2.00	1.50	1.75	0.40	9.10	
	1880.00	1900.00	CUM	1.00	20.00	1.50	1.60	1.55	0.40	12.40	
	1900.00	1940.00	CUM	1.00	40.00	1.60	1.60	1.60	0.40	25.60	
	1940.00	1958.00	CUM	1.00	18.00	1.60	1.80	1.70	0.40	12.24	
	1958.00	1965.00	CUM	1.00					0.40		13th B Main -Samsung
	1965.00	1987.00	CUM	1.00	22.00	1.80	1.30	1.55	0.40	13.64	
	For Footpath										

685.68

NCC LIMITED BANGALORE
CONTRACTOR

Infra Support Engineering Consultants Pvt. Ltd.
PMC
Bengaluru

AEE (Project)

BBMP

685.68 (32)

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	Stretch : From CHIKKBOMMSANDRA JUNCTION TO DAIRY CIRCLE JUNCTION - RHS										
	1992.00	1964.00	CUM	1.00	28.00	2.50	2.50	2.50	0.40	28.00	13th B main Raod
	1964.00	1958.00	CUM	1.00	6.00				0.40		
	1958.00	1935.00	CUM	1.00	23.00	2.60	2.60	2.60	0.40	23.92	Mahalakshmi Sweets
	1935.00	1926.00	CUM	1.00	9.00				0.40		
	1926.00	1900.00	CUM	1.00	26.00	2.50	2.70	2.60	0.40	27.04	
	1900.00	1880.00	CUM	1.00	20.00	2.70	2.70	2.70	0.40	21.60	
	1880.00	1860.00	CUM	1.00	20.00	2.70	2.80	2.75	0.40	22.00	
	1860.00	1820.00	CUM	1.00	40.00	2.80	2.40	2.60	0.40	41.60	
	1820.00	1800.00	CUM	1.00	20.00	2.40	2.40	2.40	0.40	19.20	
	1800.00	1760.00	CUM	1.00	40.00	2.40	2.40	2.40	0.40	38.40	
	1760.00	1745.00	CUM	1.00	15.00	2.40	2.60	2.50	0.40	15.00	
	1745.00	1737.00	CUM	1.00	8.00				0.40		Poonam Hardware
	1737.00	1720.00	CUM	1.00	17.00	2.60	2.20	2.40	0.40	16.32	
	1720.00	1680.00	CUM	1.00	40.00	2.20	2.00	2.10	0.40	33.60	
	1680.00	1635.00	CUM	1.00	45.00	2.00	2.50	2.25	0.40	40.50	
	1635.00	1590.00	CUM	1.00	45.00	2.50	2.90	2.70	0.40	48.60	
	1590.00	1583.00	CUM	1.00	7.00				0.40		7th B Main - Madhu Bakery
	1583.00	1575.00	CUM	1.00	8.00	2.60	2.60	2.60	0.40	8.32	
	1575.00	1565.00	CUM	1.00	10.00	2.60	2.60	2.60	0.40	10.40	
	1565.00	1530.00	CUM	1.00	35.00	2.60	2.70	2.65	0.40	37.10	
	1530.00	1495.00	CUM	1.00	35.00	2.70	2.70	2.70	0.40	37.80	
	1495.00	1490.00	CUM	1.00	5.00				0.40		6th B Main-Dry Fruit house
	1490.00	1470.00	CUM	1.00	20.00	3.20	2.60	2.90	0.40	23.20	
	1470.00	1450.00	CUM	1.00	20.00	2.60	2.45	2.53	0.40	20.20	
	1450.00	1430.00	CUM	1.00	20.00	2.45	2.45	2.45	0.40	19.60	
	1430.00	1410.00	CUM	1.00	20.00	2.45	2.45	2.45	0.40	19.60	
	1410.00	1390.00	CUM	1.00	20.00	2.45	2.40	2.43	0.40	19.40	
	1390.00	1370.00	CUM	1.00	20.00	2.40	2.90	2.65	0.40	21.20	
	1370.00	1327.00	CUM	1.00	43.00	2.90	3.00	2.95	0.40	50.74	
	1327.00	1317.00	CUM	1.00	10.00				0.40		4th B Main-Mahaveer Mobile
	1317.00	1280.00	CUM	1.00	37.00	2.70	2.70	2.70	0.40	39.96	
	1280.00	1230.00	CUM	1.00	50.00	2.70	2.70	2.70	0.40	54.00	
	1230.00	1210.00	CUM	1.00	20.00	2.70	2.70	2.70	0.40	21.60	
	1210.00	1170.00	CUM	1.00	40.00	2.70	2.90	2.80	0.40	44.80	
	1170.00	1160.00	CUM	1.00	10.00	2.90	2.90	2.90	0.40	11.60	
	1160.00	1152.00	CUM	1.00	8.00				0.40		1st B Main Road -Raymond
	1152.00	1130.00	CUM	1.00	22.00	2.60	2.80	2.70	0.40	23.76	
	1130.00	1109.00	CUM	1.00	21.00	2.80	2.80	2.80	0.40	23.52	
	For Restoration Works										1548.26
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road										
		30.00	CUM	1.00	30.00			1.50	0.25	11.25	
	30.00	60.00	CUM	1.00	30.00			1.50	0.25	11.25	
	60.00	90.00	CUM	1.00	30.00			1.50	0.25	11.25	
	90.00	120.00	CUM	1.00	30.00			1.50	0.25	11.25	
	120.00	150.00	CUM	1.00	30.00			1.50	0.25	11.25	
	150.00	180.00	CUM	1.00	30.00			1.50	0.25	11.25	
	180.00	210.00	CUM	1.00	30.00			1.50	0.25	11.25	
	210.00	240.00	CUM	1.00	30.00			1.50	0.25	11.25	
	240.00	270.00	CUM	1.00	30.00			1.50	0.25	11.25	
	For CULVERT at CROSS ROADS										
	Stretch : From DAIRY CIRCLE JUNCTION TO CHIKKBOMMSANDRA JUNCTION - RHS										
	1st B Main		CUM	1.00	6.60			1.50	1.20	11.88	
	4th B Main		CUM	1.00	6.60			1.50	1.20	11.88	
	6th B Main		CUM	1.00	6.00			1.50	1.20	10.80	
	12th B Main		CUM	1.00	6.60			1.50	1.20	11.88	
	13th B Main		CUM	1.00	5.40			1.50	1.20	9.72	
	For Footpath										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road -LHS										
		6.20	CUM	1.00	2.47	2.47	2.47	2.47	0.40	2.44	
	6.20	10.00	CUM	1.00	2.47	2.30	2.39	2.34	0.40	2.31	
	10.00	20.00	CUM	1.00	2.30	2.45	2.38	2.41	0.40	2.22	

C&RE Kumaraswamy A.E.E. (Project)

C&RE Kumaraswamy A.E.E. (Project)

C&RE Kumaraswamy A.E.E. (Project)

17/12/19

CONTRACTOR

PMC

BBMP

1712.64 (33)

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	20.00	30.00	CUM	1.00	2.45	2.75	2.60	2.68	0.40	2.62	
	30.00	40.00	CUM	1.00	2.75	2.35	2.55	2.45	0.40	2.70	
	40.00	50.00	CUM	1.00	2.35	2.60	2.48	2.54	0.40	2.39	
	50.00	60.00	CUM	1.00	2.60	2.60	2.60	2.60	0.40	2.70	
	60.00	70.00	CUM	1.00	2.60	2.40	2.50	2.45	0.40	2.55	
	70.00	80.00	CUM	1.00	2.40	2.60	2.50	2.55	0.40	2.45	
	80.00	90.00	CUM	1.00	2.60	2.65	2.63	2.64	0.40	2.74	
	90.00	100.00	CUM	1.00	2.65	2.69	2.67	2.68	0.40	2.84	
	100.00	104.00	CUM	1.00	2.69	2.69	2.69	2.69	0.40	2.89	
	104.00	109.00	CUM	1.00	2.69	2.23	2.46	2.35	0.40	2.52	
	109.00	110.00	CUM	1.00	2.23	2.90	2.57	2.73	0.40	2.44	
	110.00	120.00	CUM	1.00	2.90	2.00	2.45	2.23	0.40	2.58	
	120.00	125.00	CUM	1.00	2.00	2.00	2.00	2.00	0.40	1.60	
	125.00	131.50	CUM	1.00					0.40		6th B Main
	131.50	140.00	CUM	1.00	2.35	2.35	2.35	2.35	0.40	2.21	
	140.00	149.00	CUM	1.00	2.35	2.35	2.35	2.35	0.40	2.21	
	149.00	156.50	CUM	1.00					0.40		7th B Main
	156.50	160.00	CUM	1.00	2.95	2.95	2.95	2.95	0.40	3.48	
	160.00	170.00	CUM	1.00	2.95	2.85	2.90	2.88	0.40	3.39	
	170.00	180.00	CUM	1.00	2.85	2.70	2.78	2.74	0.40	3.12	
	180.00	190.00	CUM	1.00	2.70	2.60	2.65	2.63	0.40	2.84	
	190.00	200.00	CUM	1.00	2.60	2.55	2.58	2.56	0.40	2.67	
	200.00	210.00	CUM	1.00	2.55	2.50	2.53	2.51	0.40	2.56	
	210.00	220.00	CUM	1.00	2.50	2.67	2.59	2.63	0.40	2.63	
	220.00	235.00	CUM	1.00	2.67	2.26	2.47	2.36	0.40	2.52	
	235.00	250.00	CUM	1.00	2.26	2.50	2.38	2.44	0.40	2.21	
	250.00	260.00	CUM	1.00	2.50	2.40	2.45	2.43	0.40	2.43	
	260.00	270.00	CUM	1.00	2.40	1.85	2.13	1.99	0.40	1.91	
	270.00	279.50	CUM	1.00	1.85	1.84	1.85	1.84	0.40	1.36	
Stretch : From Vishnu Park to Sandeep Unnikrishnan Road -RHS											
		5.00	CUM	1.00	5.00	2.30	2.30	2.30	0.40	4.60	
	5.00	10.00	CUM	1.00	5.00	2.30	2.30	2.30	0.40	4.60	
	10.00	20.00	CUM	1.00	10.00	2.20	2.20	2.20	0.40	8.80	
	20.00	30.00	CUM	1.00	10.00	2.20	2.20	2.20	0.40	8.80	
	30.00	40.00	CUM	1.00	10.00	2.35	2.35	2.35	0.40	9.40	
	40.00	53.00	CUM	1.00	13.00				0.40		DPS - Gate -3
	53.00	60.00	CUM	1.00	7.00	1.60	2.65	2.13	0.40	5.95	
	60.00	70.00	CUM	1.00	10.00	2.65	2.75	2.70	0.40	10.80	
	70.00	80.00	CUM	1.00	10.00	2.75	2.90	2.83	0.40	11.30	
	80.00	85.00	CUM	1.00	5.00	2.90	2.90	2.90	0.40	5.80	
	85.00	93.00	CUM	1.00	8.00				0.40		DPS - Gate -2
	93.00	100.00	CUM	1.00	7.00	2.50	2.50	2.50	0.40	7.00	
	100.00	110.00	CUM	1.00	10.00	2.30	2.30	2.30	0.40	9.20	
	110.00	120.00	CUM	1.00	10.00	2.30	1.75	2.03	0.40	8.10	
	120.00	122.50	CUM	1.00	2.50				0.40		
	122.50	129.00	CUM	1.00	6.50				0.40		DPS - Gate -1
	129.00	130.00	CUM	1.00	1.00	2.32	2.32	2.32	0.40	0.93	
	130.00	135.00	CUM	1.00	5.00	2.32	2.32	2.32	0.40	4.64	
	135.00	142.00	CUM	1.00	7.00				0.40		PS Gate-1
	142.00	150.00	CUM	1.00	8.00	3.70	2.55	3.13	0.40	10.00	
	150.00	161.00	CUM	1.00	11.00	2.55	2.55	2.55	0.40	11.22	
	161.00	166.00	CUM	1.00	5.00				0.40		PS Gate-2
	166.00	170.00	CUM	1.00	4.00	2.60	2.60	2.60	0.40	4.16	
	170.00	180.00	CUM	1.00	10.00	2.60	2.70	2.65	0.40	10.60	
	180.00	190.00	CUM	1.00	10.00	2.70	2.80	2.75	0.40	11.00	
	190.00	200.00	CUM	1.00	10.00	2.80	2.80	2.80	0.40	11.20	
	200.00	210.00	CUM	1.00	10.00	2.80	2.70	2.75	0.40	11.00	
	210.00	214.00	CUM	1.00	4.00	2.70	2.70	2.70	0.40	4.32	
	214.00	219.00	CUM	1.00	5.00				0.40		Seshadripuram Gate 5
	219.00	230.00	CUM	1.00	11.00	2.65	2.65	2.65	0.40	11.66	
	230.00	250.00	CUM	1.00	20.00	2.75	2.75	2.75	0.40	22.00	
	250.00	260.00	CUM	1.00	10.00	2.80	2.80	2.80	0.40	11.20	

Checked by A.E.E (Project)

Checked by A.E.E (Project)

1999.47

NCC LIMITED BANGALORE
CONTRACTOR

Infra Support Engineering Consultants Pvt. Ltd.
PMC
Bengaluru

BBMP

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	260.00	270.00	CUM	1.00	10.00	2.00	2.00	2.00	0.40	8.00	
	270.00	273.00	CUM	1.00	3.00	2.00	2.00	2.00	0.40	2.40	
	273.00	279.50	CUM	1.00	6.50				0.40		Seshadripuram Gate 4
	For KERB										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road - LHS										
	0.00	10.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	10.00	20.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	20.00	30.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	30.00	40.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	40.00	50.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	50.00	60.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	60.00	70.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	70.00	80.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	80.00	90.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	90.00	100.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	100.00	110.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	110.00	120.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	120.00	130.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	130.00	140.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	140.00	150.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	150.00	160.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	160.00	170.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	170.00	180.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	180.00	190.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	190.00	200.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	200.00	210.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	210.00	220.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	220.00	230.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	230.00	240.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	240.00	250.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	250.00	260.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	260.00	270.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	270.00	280.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road - RHS										
	0.00	10.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	10.00	20.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	20.00	30.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	30.00	40.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	40.00	50.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	50.00	60.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	60.00	70.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	70.00	80.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	80.00	90.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	90.00	100.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	100.00	110.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	110.00	120.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	120.00	130.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	130.00	140.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	140.00	150.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	150.00	160.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	160.00	170.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	170.00	180.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	180.00	190.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	190.00	200.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	200.00	210.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	210.00	220.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	220.00	230.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	230.00	240.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	240.00	250.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	250.00	260.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	260.00	270.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	
	270.00	280.00	CUM	1.00	10.00		0.20	0.20	0.30	0.60	

1999.40 34

2009.87

A.E.E. (Project)

A.E.E. (Project)

2013.47

CONTRACTOR

PMC Engineering Consultants Pvt. Ltd. Bengaluru

BBMP

CF 2018-47 (35)

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	For HDPE PIPE										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road -LHS										
	0.00	10.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	10.00	20.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	20.00	30.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	30.00	40.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	40.00	50.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	50.00	60.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	60.00	70.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	70.00	80.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	80.00	90.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	90.00	100.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	100.00	110.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	110.00	120.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	120.00	130.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	130.00	140.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	140.00	150.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	150.00	160.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	160.00	170.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	170.00	180.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	180.00	190.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	190.00	200.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	200.00	210.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	210.00	220.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	220.00	230.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	230.00	240.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	240.00	250.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	250.00	260.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	260.00	270.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	270.00	280.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road -RHS										
	0.00	10.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	10.00	20.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	20.00	30.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	30.00	40.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	40.00	50.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	50.00	60.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	60.00	70.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	70.00	80.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	80.00	90.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	90.00	100.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	100.00	110.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	110.00	120.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	120.00	130.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	130.00	140.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	140.00	150.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	150.00	160.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	160.00	170.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	170.00	180.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	180.00	190.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	190.00	200.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	200.00	210.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	210.00	220.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	220.00	230.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	230.00	240.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	240.00	250.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	250.00	260.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	260.00	270.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	270.00	280.00	CUM	1.00	10.00		1.50	1.50	1.25	18.75	
	For Drain Excavation										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road - RHS										
		5.00	CUM	1.00	5.00		1.50	1.50	1.30	9.75	

Cafe Krunch
A.E.E. (Project)

Cafe Krunch
A.E.E. (Project)

3.03.22

NCC LIMITED BANGALORE
CONTRACTOR

Support Engineering Consultants Pvt. Ltd. Bengaluru
PMC

BBMP

(F 31.08.22 36)

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	5.00	10.00	CUM	1.00	5.00		1.50	1.50	1.30	9.75	
	10.00	20.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	20.00	30.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	30.00	40.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	40.00	53.00	CUM	1.00	13.00				1.30		DPS - Gate -3
	53.00	60.00	CUM	1.00	7.00		1.50	1.50	1.30	13.65	
	60.00	70.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	70.00	80.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	80.00	85.00	CUM	1.00	5.00		1.50	1.50	1.30	9.75	
	85.00	93.00	CUM	1.00	8.00				1.30		DPS - Gate -2
	93.00	100.00	CUM	1.00	7.00		1.50	1.50	1.30	13.65	
	100.00	110.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	110.00	120.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	120.00	122.50	CUM	1.00	2.50				1.30		DPS - Gate -1
	122.50	129.00	CUM	1.00	6.50				1.30		
	129.00	130.00	CUM	1.00	1.00		1.50	1.50	1.30	1.95	
	130.00	135.00	CUM	1.00	5.00		1.50	1.50	1.30	9.75	
	135.00	142.00	CUM	1.00	7.00				1.30		PS Gate-1
	142.00	150.00	CUM	1.00	8.00		1.50	1.50	1.30	15.60	
	150.00	161.00	CUM	1.00	11.00		1.50	1.50	1.30	21.45	
	161.00	166.00	CUM	1.00	5.00				1.30		PS Gate-2
	166.00	170.00	CUM	1.00	4.00		1.50	1.50	1.30	7.80	
	170.00	180.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	180.00	190.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	190.00	200.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	200.00	210.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	210.00	214.00	CUM	1.00	4.00		1.50	1.50	1.30	7.80	
	214.00	219.00	CUM	1.00	5.00				1.30		Seshadripuram Gate 5
	219.00	230.00	CUM	1.00	11.00		1.50	1.50	1.30	21.45	
	230.00	250.00	CUM	1.00	20.00		1.50	1.50	1.30	39.00	
	250.00	260.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	260.00	270.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	270.00	273.00	CUM	1.00	3.00		1.50	1.50	1.30	5.85	
	273.00	279.50	CUM	1.00	6.50		1.50	1.50	1.30	12.68	Seshadripuram Gate 4
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road - LHS									3546.85	
		6.20	CUM	1.00	6.20				1.30		
	6.20	10.00	CUM	1.00	3.80		1.50	1.50	1.30	7.41	
	10.00	20.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	20.00	30.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	30.00	40.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	40.00	50.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	50.00	60.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	60.00	70.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	70.00	80.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	80.00	90.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	90.00	100.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	100.00	104.00	CUM	1.00	4.00		1.50	1.50	1.30	7.80	
	104.00	109.00	CUM	1.00	5.00		1.50	1.50	1.30	9.75	
	109.00	110.00	CUM	1.00	1.00		1.50	1.50	1.30	1.95	
	110.00	120.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	120.00	125.00	CUM	1.00	5.00		1.50	1.50	1.30	9.75	
	125.00	131.50	CUM	1.00	6.50				1.30		6th B Main
	131.50	140.00	CUM	1.00	8.50		1.50	1.50	1.30	16.58	
	140.00	149.00	CUM	1.00	9.00		1.50	1.50	1.30	17.55	
	149.00	156.50	CUM	1.00	7.50				1.30		7th B Main
	156.50	160.00	CUM	1.00	3.50		1.50	1.50	1.30	6.83	
	160.00	170.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	170.00	180.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	180.00	190.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	190.00	200.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	200.00	210.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	210.00	220.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	

Cafe Friendly

A.E.E. (Project)

Cafe Friendly

A.E.E. (Project)

3936.46

NCC LIMITED BANGALORE

CONTRACTOR

Infra Support Engineering Consultants Pvt. Ltd. PMC Bengaluru

BBMP

F 3936 - 4/97

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	220.00	235.00	CUM	1.00	15.00		1.50	1.50	1.30	29.25	
	235.00	250.00	CUM	1.00	15.00		1.50	1.50	1.30	29.25	
	250.00	260.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	260.00	270.00	CUM	1.00	10.00		1.50	1.50	1.30	19.50	
	270.00	279.50	CUM	1.00	9.50		1.50	1.50	1.30	18.53	
	For Cross Ducts										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road										
	Ch.0		Cum	1	11.00			1.50	1.50	24.75	
	Ch. 120		Cum	1	11.00			1.50	1.50	24.75	
	Ch. 270		Cum	1	11.00			1.50	1.50	24.75	
	For HDPE Chambers										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road- LHS										
	1		Cum	1.00	3.00			1.60	1.60	7.68	
	2		Cum	1.00	3.00			1.60	1.60	7.68	
	3		Cum	1.00	3.00			1.60	1.60	7.68	
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road- RHS										
	1		Cum	1.00	3.00			1.60	1.05	5.04	
	2		Cum	1.00	3.00			1.60	1.05	5.04	
	3		Cum	1.00	3.00			1.60	1.05	5.04	
	For Cross Road Culvert MCW										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road										
	Near : Ch 270		Cum	1.00	11.00			2.80	2.00	61.60	
Total Quantity			**Cum**							**4226.49**	

Checked
Asst. Engineer
A.E.E. (Project)

NCC LIMITED BANGALORE
CONTRACTOR

Support Engineering Consultants Pvt. Ltd. Bengaluru
PMC

BBMP

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 1 11/4/23,

Milling the bituminous pavement surface upto a depth of 55mm using milling machine, to make a uniform surface without disturbing the base, cleaning the milled surface, including cost of all labour charges and hire charges of machineries etc complete., including stacking the milled material on the sides of road.

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
	For MCW PQC										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road										
	0.00	10.00	Sqm	1	10.00			2.00		20.00	
	10.00	20.00	Sqm	1	10.00			2.00		20.00	
	20.00	30.00	Sqm	1	10.00			2.00		20.00	
	80.00	90.00	Sqm	1	10.00			3.75		37.50	
	90.00	100.00	Sqm	1	10.00			3.75		37.50	
	100.00	110.00	Sqm	1	10.00			3.75		37.50	
	110.00	120.00	Sqm	1	10.00			3.75		37.50	
	160.00	170.00	Sqm	1	10.00			2.00		20.00	
	170.00	180.00	Sqm	1	10.00			2.00		20.00	
	180.00	190.00	Sqm	1	10.00			2.00		20.00	
	230.00	240.00	Sqm	1	10.00			3.00		30.00	
	240.00	250.00	Sqm	1	10.00			3.00		30.00	
	250.00	260.00	Sqm	1	10.00			3.00		30.00	
	260.00	270.00	Sqm	1	10.00			3.00		30.00	
	270.00	280.00	Sqm	1	10.00			3.00		30.00	
Total Quantity			**Sqm**							**550.00**	

Asst. E.E. (Projects)

NCC LIMITED BANGALORE

Support Engineering Consultants Bengaluru

NCC LIMITED

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

BRUHAT BENGALURU MAHANAGAR PALIKE

BOQ Item no. 2

MEASUREMENT SHEET

KSRRB 300-50.Scarifying bitiminous course 50mm to 75mm thick along with premix carpet/surface dressing by power roller attached with scarifer without disturbing the base and stacking the debris including cost of all labour charges ,HOM of machineries complete as per specifications.MORTH / Chapter 3 11/4/23, 18/4/23

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	For Buffer Zone										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road -LHS										
	0.00	10.00	Sqm	1	10.00			1.50		15.00	
	10.00	20.00	Sqm	1	10.00			1.50		15.00	
	20.00	30.00	Sqm	1	10.00			1.50		15.00	
	30.00	40.00	Sqm	1	10.00			1.50		15.00	
	40.00	50.00	Sqm	1	10.00			1.50		15.00	
	50.00	60.00	Sqm	1	10.00			1.50		15.00	
	60.00	70.00	Sqm	1	10.00			1.50		15.00	
	70.00	80.00	Sqm	1	10.00			1.50		15.00	
	80.00	90.00	Sqm	1	10.00			1.50		15.00	
	90.00	100.00	Sqm	1	10.00			1.50		15.00	
	100.00	110.00	Sqm	1	10.00			1.50		15.00	
	110.00	120.00	Sqm	1	10.00			1.50		15.00	
	120.00	130.00	Sqm	1	10.00			1.50		15.00	
	130.00	140.00	Sqm	1	10.00			1.50		15.00	
	140.00	150.00	Sqm	1	10.00			1.50		15.00	
	150.00	160.00	Sqm	1	10.00			1.50		15.00	
	160.00	170.00	Sqm	1	10.00			1.50		15.00	
	170.00	180.00	Sqm	1	10.00			1.50		15.00	
	180.00	190.00	Sqm	1	10.00			1.50		15.00	
	190.00	200.00	Sqm	1	10.00			1.50		15.00	
	200.00	210.00	Sqm	1	10.00			1.50		15.00	
	210.00	220.00	Sqm	1	10.00			1.50		15.00	
	220.00	230.00	Sqm	1	10.00			1.50		15.00	
	230.00	240.00	Sqm	1	10.00			1.50		15.00	
	240.00	250.00	Sqm	1	10.00			1.50		15.00	
	250.00	260.00	Sqm	1	10.00			1.50		15.00	
	260.00	270.00	Sqm	1	10.00			1.50		15.00	
	270.00	280.00	Sqm	1	10.00			1.50		15.00	
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road -RHS										
	0.00	10.00	Sqm	1	10.00			1.50		15.00	
	10.00	20.00	Sqm	1	10.00			1.50		15.00	
	20.00	30.00	Sqm	1	10.00			1.50		15.00	
	30.00	40.00	Sqm	1	10.00			1.50		15.00	
	40.00	50.00	Sqm	1	10.00			1.50		15.00	
	50.00	60.00	Sqm	1	10.00			1.50		15.00	
	60.00	70.00	Sqm	1	10.00			1.50		15.00	
	70.00	80.00	Sqm	1	10.00			1.50		15.00	
	80.00	90.00	Sqm	1	10.00			1.50		15.00	
	90.00	100.00	Sqm	1	10.00			1.50		15.00	
	100.00	110.00	Sqm	1	10.00			1.50		15.00	
	110.00	120.00	Sqm	1	10.00			1.50		15.00	
	120.00	130.00	Sqm	1	10.00			1.50		15.00	
	130.00	140.00	Sqm	1	10.00			1.50		15.00	
	140.00	150.00	Sqm	1	10.00			1.50		15.00	
	150.00	160.00	Sqm	1	10.00			1.50		15.00	

660.00

A.E.E. (Project)

A.E.E. (Project)

NCC LIMITED BANGALORE

India Support Engineering Consultants Pvt. Ltd. Bengaluru

40

BOQ [illegible] no. 2

KSRRB 300-50.Scarifying bitiminous course 50mm to 75mm thick along with premix carpet/surface dressing by power roller attached with scarifer without disturbing the base and stacking the debris including cost of all labour charges ,HOM of machineries complete as per specifications.MORTH / Chapter 3

₹ 660.00

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
	160.00	170.00	Sqm	1	10.00			1.50		15.00	
	170.00	180.00	Sqm	1	10.00			1.50		15.00	
	180.00	190.00	Sqm	1	10.00			1.50		15.00	
	190.00	200.00	Sqm	1	10.00			1.50		15.00	
	200.00	210.00	Sqm	1	10.00			1.50		15.00	
	210.00	220.00	Sqm	1	10.00			1.50		15.00	
	220.00	230.00	Sqm	1	10.00			1.50		15.00	
	230.00	240.00	Sqm	1	10.00			1.50		15.00	
	240.00	250.00	Sqm	1	10.00			1.50		15.00	
	250.00	260.00	Sqm	1	10.00			1.50		15.00	
	260.00	270.00	Sqm	1	10.00			1.50		15.00	
	270.00	280.00	Sqm	1	10.00			1.50		15.00	
Total Quantity			**Sqm**							**840.00**	

C&RC Kundapura

A.E.E. (Project)

NCC LIMITED BANGALORE

Infra Support Engineering Consultants Pvt. Ltd. Bengaluru

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

BOQ Item no. 19

MEASUREMENT SHEET

KSRRB M800-43. Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a 'A' frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 45º, 'A' frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001 complete as per specifications.

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
	For MCW PQC										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road										
	LHS Cross Roads										
	125.00	131.50	Each	4						4.00	
	149.00	156.50	Each	4						4.00	
	LHS Cross Roads										
	0'	270.00	Each	100						100.00	
	Road Ends										
	Ch:0.00		Each	5						5.00	
	Ch:280		Each	5						5.00	
	Total Nos		**Each**							**118.00**	

AEE (Project)

NCC LIMITED BANGALORE

CONTRACTOR

Infra Support Engineering Consultants Pvt. Ltd. Bengaluru

PMC

BBMP

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 50

Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRB 1000, 2300, MOST Specification No.1000 / 2300. 300mm dia. 17/4/23, 28/4/23

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	For Cross Ducts										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road									20.00	
	Ch.0		Rmt	2	10.00					20.00	
	Ch. 120		Rmt	2	10.00					20.00	
	Ch. 270		Rmt	2	10.00						
	For Shoulder Drains										
	Stretch : From CHIKKBOMMSANDRA JUNCTION TO DAIRY CIRCLE JUNCTION - LHS (Ch:1109 to 1990)									30.00	
	1109- 1502		Rmt	10	3.00					33.00	
	1745-1990		Rmt	11	3.00						
	For Shoulder Drains										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road									49.50	
	0 to 280m - LHS		Rmt	15	3.30					46.20	
	0 to 280m - RHS		Rmt	14	3.30					**218.70**	
Total Quantity			**Rmt**								

NCC LIMITED BANGALORE

CONTRACTOR

India Support Engineering Consultants Pvt. Ltd. PMC Bengaluru

BBMP

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 52

KSRRB M200-26. Dismantling Kerb stone by manual means and disposal of dismantled materials with all lifts and complete as per specifications. MORTH Specification No. 202 10/4/23, 28/4/23, 6/5/23, 12/5/23

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	FOR DISMANTLING KERBSTONE										
Stretch : From Vishnu Park to Sandeep Unnikrishnan Road - LHS											
		6.20									
	6.2000	10.00	Rmt	1.00	3.80					3.80	
	10.00	20.00	Rmt	1.00	10.00					10.00	
	20.00	30.00	Rmt	1.00	10.00					10.00	
	30.00	40.00	Rmt	1.00	10.00					10.00	
	40.00	50.00	Rmt	1.00	10.00					10.00	
	50.00	60.00	Rmt	1.00	10.00					10.00	
	60.00	70.00	Rmt	1.00	10.00					10.00	
	70.00	80.00	Rmt	1.00	10.00					10.00	
	80.00	90.00	Rmt	1.00	10.00					10.00	
	90.00	100.00	Rmt	1.00	10.00					10.00	
	100.00	104.00	Rmt	1.00	4.00					4.00	
	104.00	109.00	Rmt	1.00	5.00					5.00	
	109.00	110.00	Rmt	1.00	1.00					1.00	
	110.00	120.00	Rmt	1.00	10.00					10.00	
	120.00	125.00	Rmt	1.00	5.00					5.00	
	125.00	131.50	Rmt	1.00							6th B Main
	131.50	140.00	Rmt	1.00	8.50					8.50	
	140.00	149.00	Rmt	1.00	9.00					9.00	
	149.00	156.50	Rmt	1.00							7th B Main
	156.50	160.00	Rmt	1.00	3.50					3.50	
	160.00	170.00	Rmt	1.00	10.00					10.00	
	170.00	180.00	Rmt	1.00	10.00					10.00	
	180.00	190.00	Rmt	1.00	10.00					10.00	
	190.00	200.00	Rmt	1.00	10.00					10.00	
	200.00	210.00	Rmt	1.00	10.00					10.00	
	210.00	220.00	Rmt	1.00	10.00					10.00	
	220.00	235.00	Rmt	1.00	15.00					15.00	
	235.00	250.00	Rmt	1.00	15.00					15.00	
	250.00	260.00	Rmt	1.00	10.00					10.00	
	260.00	270.00	Rmt	1.00	10.00					10.00	
	270.00	279.50	Rmt	1.00	9.50					9.50	
Stretch : From Vishnu Park to Sandeep Unnikrishnan Road - RHS											
		5.00									
	5.0000	10.00	Rmt	1.00	5.00					5.00	
	10.00	20.00	Rmt	1.00	10.00					10.00	
	20.00	30.00	Rmt	1.00	10.00					10.00	
	30.00	40.00	Rmt	1.00	10.00					10.00	
	40.00	53.00	Rmt	1.00							DPS - Gate -3
	53.00	60.00	Rmt	1.00	7.00					7.00	
	60.00	70.00	Rmt	1.00	10.00					10.00	
	70.00	80.00	Rmt	1.00	10.00					10.00	

Cafe Laundry

A.E.E. (Project)

Cafe Laundry

A.E.E. (Project)

391.30

NCC LIMITED BANGALORE

CONTRACTOR

Infra Support Engineering Consultants Pvt. Ltd. Bengaluru

PMC

BBMP

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
	80.00	85.00	Rmt	1.00	5.00					5.00	
	85.00	93.00	Rmt	1.00							DPS - Gate -2
	93.00	100.00	Rmt	1.00	7.00					7.00	
	100.00	110.00	Rmt	1.00	10.00					10.00	
	110.00	120.00	Rmt	1.00	10.00					10.00	
	120.00	122.50	Rmt	1.00							DPS - Gate -1
	122.50	129.00	Rmt	1.00	6.50					6.50	
	129.00	130.00	Rmt	1.00	1.00					1.00	
	130.00	135.00	Rmt	1.00	5.00					5.00	
	135.00	142.00	Rmt	1.00							PS Gate-1
	142.00	150.00	Rmt	1.00	8.00					8.00	
	150.00	161.00	Rmt	1.00	11.00					11.00	
	161.00	166.00	Rmt	1.00							PS Gate-2
	166.00	170.00	Rmt	1.00	4.00					4.00	
	170.00	180.00	Rmt	1.00	10.00					10.00	
	180.00	190.00	Rmt	1.00	10.00					10.00	
	190.00	200.00	Rmt	1.00	10.00					10.00	
	200.00	210.00	Rmt	1.00	10.00					10.00	
	210.00	214.00	Rmt	1.00	4.00					4.00	
	214.00	219.00	Rmt	1.00							Seshadripuram Gate 5
	219.00	230.00	Rmt	1.00	11.00					11.00	
	230.00	250.00	Rmt	1.00	20.00					20.00	
	250.00	260.00	Rmt	1.00	10.00					10.00	
	260.00	270.00	Rmt	1.00	10.00					10.00	
	270.00	273.00	Rmt	1.00	3.00					3.00	
	273.00	279.50	Rmt	1.00							Seshadripuram Gate 4
	Total		RMT							486.80	

A.E.E. (Project)

NCC LIMITED BANGALORE

CONTRACTOR

Infra Support Engineering Consultants Pvt. Ltd. Bengaluru

PMC

BBMI

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 54 26/4/23, 28/4/23, 6/5/23 & 12/5/23

KSRRB M200-14.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary. sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. Dismantling brick / Tile work B. In cement mortar. MORTH Specification No. 202

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	For Footpath										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road - LHS										
		6.20	Cum	1.00	6.20						
	6.20	10.00	Cum	1.00	3.80	2.47	2.30	2.39	0.10	0.91	
	10.00	20.00	Cum	1.00	10.00	2.30	2.45	2.38	0.10	2.38	
	20.00	30.00	Cum	1.00	10.00	2.45	2.75	2.60	0.10	2.60	
	30.00	40.00	Cum	1.00	10.00	2.75	2.35	2.55	0.10	2.55	
	40.00	50.00	Cum	1.00	10.00	2.35	2.60	2.48	0.10	2.48	
	50.00	60.00	Cum	1.00	10.00	2.60	2.60	2.60	0.10	2.60	
	60.00	70.00	Cum	1.00	10.00	2.60	2.40	2.50	0.10	2.50	
	70.00	80.00	Cum	1.00	10.00	2.40	2.60	2.50	0.10	2.50	
	80.00	90.00	Cum	1.00	10.00	2.60	2.65	2.63	0.10	2.63	
	90.00	100.00	Cum	1.00	10.00	2.65	2.69	2.67	0.10	2.67	
	100.00	104.00	Cum	1.00	4.00	2.69	2.69	2.69	0.10	1.08	
	104.00	109.00	Cum	1.00	5.00	2.69	2.23	2.46	0.10	1.23	
	109.00	110.00	Cum	1.00	1.00	2.23	2.90	2.57	0.10	0.26	
	110.00	120.00	Cum	1.00	10.00	2.90	2.00	2.45	0.10	2.45	
	120.00	125.00	Cum	1.00	5.00	2.00	2.00	2.00	0.10	1.00	
	125.00	131.50	Cum	1.00	6.50				0.10		6th B Main
	131.50	140.00	Cum	1.00	8.50	2.35	2.35	2.35	0.10	2.00	
	140.00	149.00	Cum	1.00	9.00	2.35	2.35	2.35	0.10	2.12	
	149.00	156.50	Cum	1.00	7.50				0.10		7th B Main
	156.50	160.00	Cum	1.00	3.50	2.95	2.95	2.95	0.10	1.03	
	160.00	170.00	Cum	1.00	10.00	2.95	2.85	2.90	0.10	2.90	
	170.00	180.00	Cum	1.00	10.00	2.85	2.70	2.78	0.10	2.78	
	180.00	190.00	Cum	1.00	10.00	2.70	2.60	2.65	0.10	2.65	
	190.00	200.00	Cum	1.00	10.00	2.60	2.55	2.58	0.10	2.58	
	200.00	210.00	Cum	1.00	10.00	2.55	2.50	2.53	0.10	2.53	
	210.00	220.00	Cum	1.00	10.00	2.50	2.67	2.59	0.10	2.59	
	220.00	235.00	Cum	1.00	15.00	2.67	2.26	2.47	0.10	3.70	
	235.00	250.00	Cum	1.00	15.00	2.26	2.50	2.38	0.10	3.57	
	250.00	260.00	Cum	1.00	10.00	2.50	2.40	2.45	0.10	2.45	
	260.00	270.00	Cum	1.00	10.00	2.40	1.85	2.13	0.10	2.13	
	270.00	279.50	Cum	1.00	9.50	1.85	1.84	1.85	0.10	1.75	
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road - RHS										
		5.00	Cum	1.00	5.00						
	5.00	10.00	Cum	1.00	5.00	2.30	2.30	2.30	0.10	1.15	
	10.00	20.00	Cum	1.00	10.00	2.20	2.20	2.20	0.10	2.20	
	20.00	30.00	Cum	1.00	10.00	2.20	2.20	2.20	0.10	2.20	
	30.00	40.00	Cum	1.00	10.00	2.35	2.35	2.35	0.10	2.35	
	40.00	53.00	Cum	1.00	13.00				0.10		DPS - Gate -3
	53.00	60.00	Cum	1.00	7.00	1.60	2.65	2.13	0.10	1.49	
	60.00	70.00	Cum	1.00	10.00	2.65	2.75	2.70	0.10	2.70	
	70.00	80.00	Cum	1.00	10.00	2.75	2.90	2.83	0.10	2.83	
	80.00	85.00	Cum	1.00	5.00	2.90	2.90	2.90	0.10	1.45	
	85.00	93.00	Cum	1.00	8.00				0.10		DPS - Gate -2
	93.00	100.00	Cum	1.00	7.00	2.50	2.50	2.50	0.10	1.75	

Cafe Kennedy

A.E.E. (Project)

Cafe Kennedy

A.E.E. (Project)

82.67

NCC LIMITED BANGALORE

CONTRACTOR

Infra Support Engineering Consultants Pvt. Ltd. Bengaluru

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Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
	100.00	110.00	Cum	1.00	10.00	2.30	2.30	2.30	0.10	2.30	
	110.00	120.00	Cum	1.00	10.00	2.30	1.75	2.03	0.10	2.03	
	120.00	122.50	Cum	1.00	2.50				0.10		DPS - Gate -1
	122.50	129.00	Cum	1.00	6.50				0.10		
	129.00	130.00	Cum	1.00	1.00	2.32	2.32	2.32	0.10	0.23	
	130.00	135.00	Cum	1.00	5.00	2.32	2.32	2.32	0.10	1.16	
	135.00	142.00	Cum	1.00	7.00				0.10		PS Gate-1
	142.00	150.00	Cum	1.00	8.00	3.70	2.55	3.13	0.10	2.50	
	150.00	161.00	Cum	1.00	11.00	2.55	2.55	2.55	0.10	2.81	
	161.00	166.00	Cum	1.00	5.00				0.10		PS Gate-2
	166.00	170.00	Cum	1.00	4.00	2.60	2.60	2.60	0.10	1.04	
	170.00	180.00	Cum	1.00	10.00	2.60	2.70	2.65	0.10	2.65	
	180.00	190.00	Cum	1.00	10.00	2.70	2.80	2.75	0.10	2.75	
	190.00	200.00	Cum	1.00	10.00	2.80	2.80	2.80	0.10	2.80	
	200.00	210.00	Cum	1.00	10.00	2.80	2.70	2.75	0.10	2.75	
	210.00	214.00	Cum	1.00	4.00	2.70	2.70	2.70	0.10	1.08	
	214.00	219.00	Cum	1.00	5.00				0.10		Seshadripuram Gate 5
	219.00	230.00	Cum	1.00	11.00	2.65	2.65	2.65	0.10	2.92	
	230.00	250.00	Cum	1.00	20.00	2.75	2.75	2.75	0.10	5.50	
	250.00	260.00	Cum	1.00	10.00	2.80	2.80	2.80	0.10	2.80	
	260.00	270.00	Cum	1.00	10.00	2.00	2.00	2.00	0.10	2.00	
	270.00	273.00	Cum	1.00	3.00	2.00	2.00	2.00	0.10	0.60	
	273.00	279.50	Cum	1.00	6.50				0.10		Seshadripuram Gate 4
TOTAL QTY			CUM							120.58	

A.E.E. (Project)

NCC LIMITED BANGALORE
CONTRACTOR

PMC

BBMP

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

WHITE TOPPING VELAHANKA FROM SHESHADRIPURAM FIRST GRADE COLLEGE TO ABOMA BAKERY JUNCTION

MEASUREMENT SHEET

BOQ Item no. 53 24/4/23, 26/4/23, 28/4/23 & 3/5/23

KSRRB M200-15.1 Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry A. Rubble Stone masonry in cement mortar. MORTH Specification No. 202

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	Old Existing Drain										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road - RHS										
		5.00	CUM	1.00	5.00						
	5.00	10.00	CUM	1.00	5.00		2.60	2.60	0.20	2.60	
	10.00	20.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	20.00	30.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	30.00	40.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	40.00	53.00	CUM	1.00	13.00						
	53.00	60.00	CUM	1.00	7.00		2.60	2.60	0.20	3.64	DPS - Gate -3
	60.00	70.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	70.00	80.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	80.00	85.00	CUM	1.00	5.00		2.60	2.60	0.20	2.60	
	85.00	93.00	CUM	1.00	8.00						
	93.00	100.00	CUM	1.00	7.00		2.60	2.60	0.20	3.64	DPS - Gate -2
	100.00	110.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	110.00	120.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	120.00	122.50	CUM	1.00	2.50						
	122.50	129.00	CUM	1.00	6.50						DPS - Gate -1
	129.00	130.00	CUM	1.00	1.00		2.60	2.60	0.20	0.52	
	130.00	135.00	CUM	1.00	5.00		2.60	2.60	0.20	2.60	
	135.00	142.00	CUM	1.00	7.00						
	142.00	150.00	CUM	1.00	8.00		2.60	2.60	0.20	4.16	PS Gate-1
	150.00	161.00	CUM	1.00	11.00		2.60	2.60	0.20	5.72	
	161.00	166.00	CUM	1.00	5.00						
	166.00	170.00	CUM	1.00	4.00		2.60	2.60	0.20	2.08	PS Gate-2
	170.00	180.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	180.00	190.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	190.00	200.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	200.00	210.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	210.00	214.00	CUM	1.00	4.00		2.60	2.60	0.20	2.08	
	214.00	219.00	CUM	1.00	5.00						Seshadripuram Gate 5
	219.00	230.00	CUM	1.00	11.00		2.60	2.60	0.20	5.72	
	230.00	250.00	CUM	1.00	20.00		2.60	2.60	0.20	10.40	
	250.00	260.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	260.00	270.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	270.00	273.00	CUM	1.00	3.00		2.60	2.60	0.20	1.56	
	273.00	279.50	CUM	1.00	6.50		2.60	2.60	0.20	3.38	Seshadripuram Gate 4
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road - LHS										
		6.20	CUM	1.00	6.20						
	6.20	10.00	CUM	1.00	3.80		2.60	2.60	0.20	1.98	
	10.00	20.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	20.00	30.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	30.00	40.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	40.00	50.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	50.00	60.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	60.00	70.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	70.00	80.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	80.00	90.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	90.00	100.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	100.00	104.00	CUM	1.00	4.00		2.60	2.60	0.20	2.08	
	104.00	109.00	CUM	1.00	5.00		2.60	2.60	0.20	2.60	
	109.00	110.00	CUM	1.00	1.00		2.60	2.60	0.20	0.52	
	110.00	120.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	120.00	125.00	CUM	1.00	5.00		2.60	2.60	0.20	2.60	
	125.00	131.50	CUM	1.00	6.50						6th B Main
	131.50	140.00	CUM	1.00	8.50		2.60	2.60	0.20	4.42	
	140.00	149.00	CUM	1.00	9.00		2.60	2.60	0.20	4.68	
	149.00	156.50	CUM	1.00	7.50						7th B Main
	156.50	160.00	CUM	1.00	3.50		2.60	2.60	0.20	1.82	
	160.00	170.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	170.00	180.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	180.00	190.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	190.00	200.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	

CaFC Kaundy

A.E.E. (Project)

CaFC Kaundy

A.E.E. (Project)

NCC LIMITED BANGALORE

Infra Support Engineering Consultants Pvt. Ltd. Bengaluru

911.80

BBQ Item no. 53

KSRRB M200-15.1. Dismantling of existing structures like culverts, bridges. retaining walls and other structure comprising of masonry. cement concrete, wood work. steel work. including T&P and scaffolding wherever necessary. sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry. A. Rubble Stone masonry in cement mortar. MORTH Specification No. 202

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
	200.00	210.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	210.00	220.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	220.00	235.00	CUM	1.00	15.00		2.60	2.60	0.20	7.80	
	235.00	250.00	CUM	1.00	15.00		2.60	2.60	0.20	7.80	
	250.00	260.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	260.00	270.00	CUM	1.00	10.00		2.60	2.60	0.20	5.20	
	270.00	279.50	CUM	1.00	9.50		2.60	2.60	0.20	4.94	
Total Quantity			Cum							253.14	

A.E.E. (Project)

NCC LIMITED BANGALORE

Infra Support Engineering Consultants Pvt. Ltd. Bengaluru

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

BOQ Item no.57 **MEASUREMENT SHEET**

KSRRB M300-19. Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications. MORTH Specification No. 301

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
	Over Burden Debris										
	Major Akshay Girish Kumar Road										
			Cum	1	200.00	3.20	3.40	3.30	2.40	1584.00	
	From Yes Bank to Kanthi Sweets										
	150.00	1100.00	Cum	1	650.00	2.10	2.30	2.20	1.85	2645.50	
	From Kanthi Sweets to Aroma Bakery										
	1100.00	1980.00	Cum	1	550.00	2.30	2.40	2.35	1.95	2520.38	
TOTAL QTY			**CUM**							**6749.88**	

A.E.E. (Project)

NCC LIMITED BANGALORE

CONTRACTOR

India Support Engineering Consultants Pvt. Ltd. Bengaluru

PMC

BBMP

50

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

WHITE TOPPING YELAHANKA FROM SHESHADRIPURAM FIRST GRADE COLLEGE TO AROMA BAKERY JUNCTION

MEASUREMENT SHEET

BOQ Item no. 5 17/4/23

Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision.

Sl No	Chainage		Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	From	To									
	For Cross Ducts										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road										
	Ch.0		Cum	1	11.00			1.50	0.30	4.95	
	Ch. 120		Cum	1	11.00			1.50	0.30	4.95	
	Ch. 270		Cum	1	11.00			1.50	0.30	4.95	
Total Quantity			**Cum**							**14.85**	

Cafe Kumara

A.E.E. (Project)

NCC LIMITED BANGALORE

Infra Support Engineering Consultants Pvt. Ltd. Bengaluru

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road,1st A Main Road,16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 6 9/12/23, 7/1/23, 04/4/23, 4/5/23, 29/5/23, 7/9/23, 11/9/23 and 18/10/23

KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	For Footpath										
	Stretch : From CHIKKBOMMSANDRA JUNCTION TO DAIRY CIRCLE JUNCTION - LHS										
	1109.00	1127.00	CUM	1.00	18.00	2.24	2.23	2.24	0.25	10.06	
	1127.00	1130.00	CUM	1.00							Cross Road -Mufti
	1130.00	1171.00	CUM	1.00	41.00	2.00	2.40	2.20	0.25	22.55	
	1171.00	1177.80	CUM	1.00	6.80	2.30	2.30	2.30	0.25	3.91	
	1177.80	1197.40	CUM	1.00	19.60	2.30	2.30	2.30	0.25	11.27	
	1197.40	1201.10	CUM	1.00					0.25		2 nd B Main-Appolo
	1201.10	1221.40	CUM	1.00	20.30	2.70	2.80	2.75	0.25	13.96	
	1221.40	1226.50	CUM	1.00					0.25		3rd A Main-Battery Shop
	1226.50	1243.00	CUM	1.00	16.50	2.90	3.00	2.95	0.25	12.17	
	1243.00	1247.50	CUM	1.00					0.25		Cross Road -Focus Bay
	1247.50	1266.00	CUM	1.00	18.50	2.80	2.70	2.75	0.25	12.72	
	1266.00	1274.00	CUM	1.00					0.25		Cross Road-KOTAK ATM
	1274.00	1300.00	CUM	1.00	26.00	1.60	2.40	2.00	0.25	13.00	
	1300.00	1317.00	CUM	1.00	17.00	2.40	2.40	2.40	0.25	10.20	
	1317.00	1327.00	CUM	1.00					0.25		Cross Road-Agarwal Hospital
	1327.00	1350.00	CUM	1.00	23.00	2.10	2.50	2.30	0.25	13.23	
	1350.00	1390.00	CUM	1.00	40.00	2.50	2.80	2.65	0.25	26.50	
	1390.00	1430.00	CUM	1.00	40.00	2.80	2.60	2.70	0.25	27.00	
	1430.00	1456.00	CUM	1.00	26.00	2.60	2.80	2.70	0.25	17.55	
	1456.00	1465.00	CUM	1.00					0.25		Cross Road - Show off
	1465.00	1490.00	CUM	1.00	25.00	1.90	1.90	1.90	0.25	11.88	
	1490.00	1498.00	CUM	1.00					0.25		Cross Road - Asha Sweet
	1498.00	1502.00	CUM	1.00	4.00	0.80	0.80	0.80	0.25	0.80	
	1502.00	1510.00	CUM	1.00					0.25		Bus Stop -Exit
	1510.00	1568.00	CUM	1.00	58.00	1.90	1.90	1.90	0.25	27.55	
	1568.00	1590.00	CUM	1.00					0.25		Bus Stop -Entry
	1590.00	1628.00	CUM	1.00	38.00	2.40	2.60	2.50	0.25	23.75	
	1628.00	1635.00	CUM	1.00	7.00				0.25		Parking Lot-Gate
	1635.00	1660.00	CUM	1.00	25.00	2.40	2.90	2.65	0.25	16.56	
	1660.00	1700.00	CUM	1.00	40.00	2.90	2.60	2.75	0.25	27.50	
	1700.00	1730.00	CUM	1.00	30.00	2.60	2.60	2.60	0.25	19.50	
	1730.00	1736.00	CUM	1.00					0.25		Parking Lot-Gate
	1736.00	1745.00	CUM	1.00					0.25		Cross Road-Srinath Gold
	1745.00	1762.50	CUM	1.00	17.50	4.00	3.30	3.65	0.25	15.97	
	1762.50	1768.00	CUM	1.00					0.25		9th B Road
	1768.00	1780.00	CUM	1.00	12.00	5.70	5.70	5.70	0.25	17.10	
	1780.00	1786.00	CUM	1.00					0.25		Temple Entrance
	1786.00	1805.00	CUM	1.00	19.00	1.30	1.30	1.30	0.25	6.18	
	1805.00	1815.00	CUM	1.00					0.25		10th B Main-Travel Point
	1815.00	1828.00	CUM	1.00	13.00	1.80	1.80	1.80	0.25	5.85	
	1828.00	1836.00	CUM	1.00					0.25		11th B Main
	1836.00	1860.00	CUM	1.00	24.00	2.30	3.10	2.70	0.25	16.20	
	1860.00	1867.00	CUM	1.00					0.25		Cross Road -IT Mall
	1867.00	1880.00	CUM	1.00	13.00	2.00	1.50	1.75	0.25	5.69	
	1880.00	1900.00	CUM	1.00	20.00	1.50	1.60	1.55	0.25	7.75	
	1900.00	1940.00	CUM	1.00	40.00	1.60	1.60	1.60	0.25	16.00	
	1940.00	1958.00	CUM	1.00	18.00	1.60	1.80	1.70	0.25	7.65	
	1958.00	1965.00	CUM	1.00					0.25		13th B Main -Samsung
	1965.00	1992.00	CUM	1.00	27.00	1.80	1.30	1.55	0.25	10.46	
	Deductions										
	Shoulder Drain		CUM	-5.00	0.60	1.90	1.90	1.90	0.25	-1.43	CH: 1510-1568
	Shoulder Drain		CUM	-2.00	0.60	2.50	2.50	2.50	0.25	-0.75	CH: 1590-1628
	Shoulder Drain		CUM	-7.00	0.60	3.00	3.00	3.00	0.25	-3.15	CH: 1635-1730

430.49

425.16

Cake Kumudu

Parks (Project)

NCC LIMITED BANGALORE CONTRACTOR

Infra Support Engineering Consultants Pvt. Ltd. Bengaluru PMC

BBMP

BO[illegible]m no. 6

KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	Tree Pits		CUM	-12.00	1.30	1.50	1.50	1.50	0.25	-5.85	
	For Footpath										
	Stretch : From CHIKKBOMMSANDRA JUNCTION TO DAIRY CIRCLE JUNCTION - RHS										
	1992.00	1964.00	CUM	1.00	28.00	2.50	2.50	2.50	0.25	17.50	
	1964.00	1958.00	CUM	1.00	6.00				0.25		13th B main Raod
	1958.00	1935.00	CUM	1.00	23.00	2.60	2.60	2.60	0.25	14.95	
	1935.00	1926.00	CUM	1.00	9.00				0.25		Mahalakshmi Sweets
	1926.00	1900.00	CUM	1.00	26.00	2.50	2.70	2.60	0.25	16.90	
	1900.00	1880.00	CUM	1.00	20.00	2.70	2.70	2.70	0.25	13.50	
	1880.00	1860.00	CUM	1.00	20.00	2.70	2.80	2.75	0.25	13.75	
	1860.00	1820.00	CUM	1.00	40.00	2.80	2.40	2.60	0.25	26.00	
	1820.00	1800.00	CUM	1.00	20.00	2.40	2.40	2.40	0.25	12.00	
	1800.00	1760.00	CUM	1.00	40.00	2.40	2.40	2.40	0.25	24.00	
	1760.00	1745.00	CUM	1.00	15.00	2.40	2.60	2.50	0.25	9.38	
	1745.00	1737.00	CUM	1.00	8.00				0.25		Poonam Hardware
	1737.00	1720.00	CUM	1.00	17.00	2.60	2.20	2.40	0.25	10.20	
	1720.00	1680.00	CUM	1.00	40.00	2.20	2.00	2.10	0.25	21.00	
	1680.00	1635.00	CUM	1.00	45.00	2.00	2.50	2.25	0.25	25.31	
	1635.00	1590.00	CUM	1.00	45.00	2.50	2.90	2.70	0.25	30.38	
	1590.00	1583.00	CUM	1.00	7.00				0.25		7th B Main - Madhu Bakery
	1583.00	1575.00	CUM	1.00	8.00	2.60	2.60	2.60	0.25	5.20	
	1575.00	1565.00	CUM	1.00	10.00	2.60	2.60	2.60	0.25	6.50	
	1565.00	1530.00	CUM	1.00	35.00	2.60	2.70	2.65	0.25	23.19	
	1530.00	1495.00	CUM	1.00	35.00	2.70	2.70	2.70	0.25	23.63	
	1495.00	1490.00	CUM	1.00	5.00				0.25		6th B Main-Dry Fruit house
	1490.00	1470.00	CUM	1.00	20.00	3.20	2.60	2.90	0.25	14.50	
	1470.00	1450.00	CUM	1.00	20.00	2.60	2.45	2.53	0.25	12.63	
	1450.00	1430.00	CUM	1.00	20.00	2.45	2.45	2.45	0.25	12.25	
	1430.00	1410.00	CUM	1.00	20.00	2.45	2.45	2.45	0.25	12.25	
	1410.00	1390.00	CUM	1.00	20.00	2.45	2.40	2.43	0.25	12.13	
	1390.00	1370.00	CUM	1.00	20.00	2.40	2.90	2.65	0.25	13.25	
	1370.00	1327.00	CUM	1.00	43.00	2.90	3.00	2.95	0.25	31.71	
	1327.00	1317.00	CUM	1.00	10.00				0.25		4th B Main-Mahaveer Mobile
	1317.00	1280.00	CUM	1.00	37.00	2.70	2.70	2.70	0.25	24.98	
	1280.00	1230.00	CUM	1.00	50.00	2.70	2.70	2.70	0.25	33.75	
	1230.00	1210.00	CUM	1.00	20.00	2.70	2.70	2.70	0.25	13.50	
	1210.00	1170.00	CUM	1.00	40.00	2.70	2.90	2.80	0.25	28.00	
	1170.00	1160.00	CUM	1.00	10.00	2.90	2.90	2.90	0.25	7.25	
	1160.00	1152.00	CUM	1.00	8.00				0.25		1st B Main Road -Raymond
	1152.00	1130.00	CUM	1.00	22.00	2.60	2.80	2.70	0.25	14.85	
	1130.00	1109.00	CUM	1.00	21.00	2.80	2.80	2.80	0.25	14.70	
	Deductions										
	Tree Pits		CUM	-44.00	1.30	1.50	1.50	1.50	0.25	-21.45	
	For Restoration Works										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road										
		30.00	CUM	1.00	30.00			1.50	0.20	9.00	
	30.00	60.00	CUM	1.00	30.00			1.50	0.20	9.00	
	60.00	90.00	CUM	1.00	30.00			1.50	0.20	9.00	
	90.00	120.00	CUM	1.00	30.00			1.50	0.20	9.00	
	120.00	150.00	CUM	1.00	30.00			1.50	0.20	9.00	
	150.00	180.00	CUM	1.00	30.00			1.50	0.20	9.00	
	180.00	210.00	CUM	1.00	30.00			1.50	0.20	9.00	
	210.00	240.00	CUM	1.00	30.00			1.50	0.20	9.00	
	240.00	270.00	CUM	1.00	30.00			1.50	0.20	9.00	
	For Footpath										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road -LHS										
		6.20	CUM	1.00	2.47	2.47	2.47	2.47	0.20	1.22	
	6.20	10.00	CUM	1.00	2.47	2.30	2.39	2.34	0.20	1.16	
	10.00	20.00	CUM	1.00	2.30	2.45	2.38	2.41	0.20	1.11	
	20.00	30.00	CUM	1.00	2.45	2.75	2.60	2.68	0.20	1.31	

CF 4025.10

49.31

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A.E.E. (Project)

CARE Hurudy

A.E.E. (Project)

NCC LIMITED CONTRACTOR BANGALORE

Infra Support Engineering Consultants Pvt. Ltd. Bengaluru PMC

BBMP

BOQ Item no. 6

KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	30.00	40.00	CUM	1.00	2.75	2.35	2.55	2.45	0.20	1.35	
	40.00	50.00	CUM	1.00	2.35	2.60	2.48	2.54	0.20	1.19	
	50.00	60.00	CUM	1.00	2.60	2.60	2.60	2.60	0.20	1.35	
	60.00	70.00	CUM	1.00	2.60	2.40	2.50	2.45	0.20	1.27	
	70.00	80.00	CUM	1.00	2.40	2.60	2.50	2.55	0.20	1.22	
	80.00	90.00	CUM	1.00	2.60	2.65	2.63	2.64	0.20	1.37	
	90.00	100.00	CUM	1.00	2.65	2.69	2.67	2.68	0.20	1.42	
	100.00	104.00	CUM	1.00	2.69	2.69	2.69	2.69	0.20	1.45	
	104.00	109.00	CUM	1.00	2.69	2.23	2.46	2.35	0.20	1.26	
	109.00	110.00	CUM	1.00	2.23	2.90	2.57	2.73	0.20	1.22	
	110.00	120.00	CUM	1.00	2.90	2.00	2.45	2.23	0.20	1.29	
	120.00	125.00	CUM	1.00	2.00	2.00	2.00	2.00	0.20	0.80	
	125.00	131.50	CUM	1.00					0.20		6th B Main
	131.50	140.00	CUM	1.00	2.35	2.35	2.35	2.35	0.20	1.10	
	140.00	149.00	CUM	1.00	2.35	2.35	2.35	2.35	0.20	1.10	
	149.00	156.50	CUM	1.00					0.20		7th B Main
	156.50	160.00	CUM	1.00	2.95	2.95	2.95	2.95	0.20	1.74	
	160.00	170.00	CUM	1.00	2.95	2.85	2.90	2.88	0.20	1.70	
	170.00	180.00	CUM	1.00	2.85	2.70	2.78	2.74	0.20	1.56	
	180.00	190.00	CUM	1.00	2.70	2.60	2.65	2.63	0.20	1.42	
	190.00	200.00	CUM	1.00	2.60	2.55	2.58	2.56	0.20	1.33	
	200.00	210.00	CUM	1.00	2.55	2.50	2.53	2.51	0.20	1.28	
	210.00	220.00	CUM	1.00	2.50	2.67	2.59	2.63	0.20	1.31	
	220.00	235.00	CUM	1.00	2.67	2.26	2.47	2.36	0.20	1.26	
	235.00	250.00	CUM	1.00	2.26	2.50	2.38	2.44	0.20	1.10	
	250.00	260.00	CUM	1.00	2.50	2.40	2.45	2.43	0.20	1.21	
	260.00	270.00	CUM	1.00	2.40	1.85	2.13	1.99	0.20	0.95	
	270.00	279.50	CUM	1.00	1.85	1.84	1.85	1.84	0.20	0.68	
	Deductions										
			CUM	-1.00	1.70			2.75	0.20	-0.94	
			CUM	-1.00	1.65			1.40	0.20	-0.46	
			CUM	-1.00	1.30			1.47	0.20	-0.38	
			CUM	-1.00	1.89			2.06	0.20	-0.78	
			CUM	-1.00	1.28			1.39	0.20	-0.36	
			CUM	-1.00	1.80			1.70	0.20	-0.61	
			CUM	-1.00	1.05			0.90	0.20	-0.19	
	Tree Pits		CUM	-1.00	1.34			1.56	0.20	-0.42	
			CUM	-1.00	1.34			1.56	0.20	-0.42	
			CUM	-1.00	1.34			1.56	0.20	-0.42	
			CUM	-1.00	1.34			1.56	0.20	-0.42	
			CUM	-1.00	2.50			2.15	0.20	-1.08	
			CUM	-1.00	1.60			1.72	0.20	-0.55	
			CUM	-1.00	2.38			2.70	0.20	-1.29	
			CUM	-1.00	1.23			1.48	0.20	-0.36	
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road -RHS										
		5.00	CUM	1.00	5.00	2.30	2.30	2.30	0.20	2.30	
	5.00	10.00	CUM	1.00	5.00	2.30	2.30	2.30	0.20	2.30	
	10.00	20.00	CUM	1.00	10.00	2.20	2.20	2.20	0.20	4.40	
	20.00	30.00	CUM	1.00	10.00	2.20	2.20	2.20	0.20	4.40	
	30.00	40.00	CUM	1.00	10.00	2.35	2.35	2.35	0.20	4.70	
	40.00	53.00	CUM	1.00	13.00				0.20		DPS - Gate -3
	53.00	60.00	CUM	1.00	7.00	1.60	2.65	2.13	0.20	2.98	
	60.00	70.00	CUM	1.00	10.00	2.65	2.75	2.70	0.20	5.40	
	70.00	80.00	CUM	1.00	10.00	2.75	2.90	2.83	0.20	5.65	
	80.00	85.00	CUM	1.00	5.00	2.90	2.90	2.90	0.20	2.90	
	85.00	93.00	CUM	1.00	8.00				0.20		DPS - Gate -2
	93.00	100.00	CUM	1.00	7.00	2.50	2.50	2.50	0.20	3.50	
	100.00	110.00	CUM	1.00	10.00	2.30	2.30	2.30	0.20	4.60	
	110.00	120.00	CUM	1.00	10.00	2.30	1.75	2.03	0.20	4.05	
	120.00	122.50	CUM	1.00	2.50				0.20		DPS - Gate -1

1022.47

1055.72

8.66

1094.25

Checked
A.E.E. (Project)

NCC LIMITED BANGALORE CONTRACTOR

India Support Engineering Consultants Pvt. Ltd. Bangalore PMC

BBMP

BOQ Item no. 6

KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	122.50	129.00	CUM	1.00	6.50				0.20		
	129.00	130.00	CUM	1.00	1.00	2.32	2.32	2.32	0.20	0.46	
	130.00	135.00	CUM	1.00	5.00	2.32	2.32	2.32	0.20	2.32	
	135.00	142.00	CUM	1.00	7.00				0.20		PS Gate-1
	142.00	150.00	CUM	1.00	8.00	3.70	2.55	3.13	0.20	5.00	
	150.00	161.00	CUM	1.00	11.00	2.55	2.55	2.55	0.20	5.61	
	161.00	166.00	CUM	1.00	5.00				0.20		PS Gate-2
	166.00	170.00	CUM	1.00	4.00	2.60	2.60	2.60	0.20	2.08	
	170.00	180.00	CUM	1.00	10.00	2.60	2.70	2.65	0.20	5.30	
	180.00	190.00	CUM	1.00	10.00	2.70	2.80	2.75	0.20	5.50	
	190.00	200.00	CUM	1.00	10.00	2.80	2.80	2.80	0.20	5.60	
	200.00	210.00	CUM	1.00	10.00	2.80	2.70	2.75	0.20	5.50	
	210.00	214.00	CUM	1.00	4.00	2.70	2.70	2.70	0.20	2.16	
	214.00	219.00	CUM	1.00	5.00				0.20		Seshadripuram Gate 5
	219.00	230.00	CUM	1.00	11.00	2.65	2.65	2.65	0.20	5.83	
	230.00	250.00	CUM	1.00	20.00	2.75	2.75	2.75	0.20	11.00	
	250.00	260.00	CUM	1.00	10.00	2.80	2.80	2.80	0.20	5.60	
	260.00	270.00	CUM	1.00	10.00	2.00	2.00	2.00	0.20	4.00	
	270.00	273.00	CUM	1.00	3.00	2.00	2.00	2.00	0.20	1.20	
	273.00	279.50	CUM	1.00	6.50				0.20		Seshadripuram Gate 4
	Deductions										
			CUM	-1.00	1.56			1.80	0.20	-0.56	
			CUM	-1.00	1.86			2.20	0.20	-0.82	
			CUM	-1.00	1.30			1.00	0.20	-0.26	
			CUM	-1.00	1.30			1.00	0.20	-0.26	
			CUM	-1.00	1.65			1.65	0.20	-0.54	
			CUM	-1.00	1.40			1.34	0.20	-0.38	
			CUM	-1.00	2.65			3.63	0.20	-1.92	
			CUM	-1.00	0.80			0.80	0.20	-0.13	
			CUM	-1.00	2.90			3.62	0.20	-2.10	
			CUM	-1.00	2.02			1.50	0.20	-0.61	
			CUM	-1.00	2.53			1.90	0.20	-0.96	
	Tree Pits		CUM	-1.00	1.80			1.92	0.20	-0.69	
			CUM	-1.00	1.42			1.45	0.20	-0.41	
			CUM	-1.00	2.40			1.68	0.20	-0.81	
			CUM	-1.00	1.75			1.55	0.20	-0.54	
			CUM	-1.00	2.00			1.49	0.20	-0.60	
			CUM	-1.00	0.88			0.90	0.20	-0.16	
			CUM	-1.00	0.90			0.90	0.20	-0.16	
			CUM	-1.00	0.90			0.90	0.20	-0.16	
			CUM	-1.00	1.20			1.20	0.20	-0.29	
			CUM	-1.00	1.20			1.20	0.20	-0.29	
			CUM	-1.00	2.68			4.55	0.20	-2.44	
			CUM	-1.00	2.20			2.80	0.20	-1.23	
	For Cross Ducts										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road										
	Ch.0		Cum	1	11.00			1.50	0.30	4.95	
	Ch. 120		Cum	1	11.00			1.50	0.30	4.95	
	Ch. 270		Cum	1	11.00			1.50	0.30	4.95	
	Pipe Deductions								0.07	-4.66	
	3 Nos X 2 Pipe		Cum	-6	11.00					**1155.29**	
	Total Quantity		**Cum**								

1099.35

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A.E.E. (Project)

NCC LIMITED BANGALORE

CONTRACTOR

India Support Engineering Consultants Pvt. Ltd. Bengaluru PMC

BBMP

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

WHITE TOPPING YELAHANKA FROM SHESHADRIPURAM FIRST GRADE COLLEGE TO AROMA BAKERY JUNCTION

MEASUREMENT SHEET

BOQ Item no. 26 29/4/23, 02/5/23, & 6/5/23

Providing and stone dust in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications and as per directions of engineer in charge

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	For HDPE										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road -LHS										
	0.00	10.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	10.00	20.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	20.00	30.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	30.00	40.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	40.00	50.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	50.00	60.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	60.00	70.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	70.00	80.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	80.00	90.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	90.00	100.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	100.00	110.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	110.00	120.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	120.00	130.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	130.00	140.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	140.00	150.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	150.00	160.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	160.00	170.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	170.00	180.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	180.00	190.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	190.00	200.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	200.00	210.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	210.00	220.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	220.00	230.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	230.00	240.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	240.00	250.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	250.00	260.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	260.00	270.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	270.00	280.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	Pipe Deductions										
	200 mm Dia		Cum	-2.00	280.00				0.031	-17.58	
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road -RHS										
	0.00	10.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	10.00	20.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	20.00	30.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	30.00	40.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	40.00	50.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	50.00	60.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	60.00	70.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	70.00	80.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	

C&RC Kumaraswamy A.E.E. (Project)

C&RC Kumaraswamy A.E.E. (Project)

603.45

CONTRACTOR

PMC Engineering Consultants Pvt. Ltd. Bengaluru

BBMI

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	80.00	90.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	90.00	100.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	100.00	110.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	110.00	120.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	120.00	130.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	130.00	140.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	140.00	150.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	150.00	160.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	160.00	170.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	170.00	180.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	180.00	190.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	190.00	200.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	200.00	210.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	210.00	220.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	220.00	230.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	230.00	240.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	240.00	250.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	250.00	260.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	260.00	270.00	CUM	1.00	10.00		1.50	1.50	1.15	17.25	
	270.00	280.00	CUM	1.00	10.00						
	Pipe Deductions								0.031	-17.58	
	200 mm Dia		Cum	-2.00	280.00						
	For Restoration Works										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road							1.50	0.30	13.50	
		30.00	CUM	1.00	30.00			1.50	0.30	13.50	
	30.00	60.00	CUM	1.00	30.00			1.50	0.30	13.50	
	60.00	90.00	CUM	1.00	30.00			1.50	0.30	13.50	
	90.00	120.00	CUM	1.00	30.00			1.50	0.30	13.50	
	120.00	150.00	CUM	1.00	30.00			1.50	0.30	13.50	
	150.00	180.00	CUM	1.00	30.00			1.50	0.30	13.50	
	180.00	210.00	CUM	1.00	30.00			1.50	0.30	13.50	
	210.00	240.00	CUM	1.00	30.00			1.50	0.30	13.50	
	240.00	270.00	CUM	1.00	30.00						
	For Cross Ducts										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road							1.50	0.80	13.20	
	Ch.0		Cum	1	11.00			1.50	0.80	13.20	
	Ch. 120		Cum	1	11.00			1.50	0.80	13.20	
	Ch. 270		Cum	1	11.00					**1091.93**	
	TOTAL		Cum								

CONTRACTOR

PMC

BBMI

NCC LIMITED

BRUHAT BENGALURU MAHANAGAR PALIKE

Whitetopping of road from Shesadripuram First Grade College to Aroma Bakery Junction via 3rd A cross Road, 1st A Main Road, 16th B Cross Road

MEASUREMENT SHEET

BOQ Item no. 27 12/12/22, 11/1/23, 27/5/23, 6/5/23, 23/5/23, 31/5/23 10/7/23, 15/9/23

KSRRB M2200-5.1 Providing and laying cement concrete of mix 1:2:4 with OPC @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.63cum and fine aggregates @ 0.42cum including cost of materials, labour, HOM curing, form works, scaffolding and centering complete as per MORTH Section : 2200 & IS 456 a) upto 5mtr heigh ~ (M-15) (PW,P& IWTD SR 2018-19 P-226, I-28.7.1) 21/10/23

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	PCC - For Footpath										
	Stretch : From CHIKKBOMMSANDRA JUNCTION TO DAIRY CIRCLE JUNCTION - LHS										
	1109.00	1127.00	CUM	1.00	18.00	2.24	2.23	2.24	0.10	4.02	Cross Road -Mufti
	1127.00	1130.00	CUM	1.00					0.10	9.02	
	1130.00	1171.00	CUM	1.00	41.00	2.00	2.40	2.20	0.10	1.56	
	1171.00	1177.80	CUM	1.00	6.80	2.30	2.30	2.30	0.10	4.51	
	1177.80	1197.40	CUM	1.00	19.60	2.30	2.30	2.30	0.10		2 nd B Main-Appolo
	1197.40	1201.10	CUM	1.00					0.10	5.58	
	1201.10	1221.40	CUM	1.00	20.30	2.70	2.80	2.75	0.10		3rd A Main-Battery Shop
	1221.40	1226.50	CUM	1.00					0.10	4.87	
	1226.50	1243.00	CUM	1.00	16.50	2.90	3.00	2.95	0.10		Cross Road -Focus Bay
	1243.00	1247.50	CUM	1.00					0.10	5.09	
	1247.50	1266.00	CUM	1.00	18.50	2.80	2.70	2.75	0.10		Cross Road-KOTAK ATM
	1266.00	1274.00	CUM	1.00					0.10	5.20	
	1274.00	1300.00	CUM	1.00	26.00	1.60	2.40	2.00	0.10	4.08	
	1300.00	1317.00	CUM	1.00	17.00	2.40	2.40	2.40	0.10		Cross Road-Agarwal Hospital
	1317.00	1327.00	CUM	1.00					0.10	5.29	
	1327.00	1350.00	CUM	1.00	23.00	2.10	2.50	2.30	0.10	10.60	
	1350.00	1390.00	CUM	1.00	40.00	2.50	2.80	2.65	0.10	10.80	
	1390.00	1430.00	CUM	1.00	40.00	2.80	2.60	2.70	0.10	7.02	
	1430.00	1456.00	CUM	1.00	26.00	2.60	2.80	2.70	0.10		Cross Road - Show off
	1456.00	1465.00	CUM	1.00					0.10	4.75	
	1465.00	1490.00	CUM	1.00	25.00	1.90	1.90	1.90	0.10		Cross Road - Asha Sweet
	1490.00	1498.00	CUM	1.00					0.10	0.32	
	1498.00	1502.00	CUM	1.00	4.00	0.80	0.80	0.80	0.10		Bus Stop -Exit
	1502.00	1510.00	CUM	1.00					0.10	11.02	
	1510.00	1568.00	CUM	1.00	58.00	1.90	1.90	1.90	0.10		Bus Stop -Entry
	1568.00	1590.00	CUM	1.00					0.10	9.50	
	1590.00	1628.00	CUM	1.00	38.00	2.40	2.60	2.50	0.10		Parking Lot-Gate
	1628.00	1635.00	CUM	1.00	7.00				0.10	6.63	
	1635.00	1660.00	CUM	1.00	25.00	2.40	2.90	2.65	0.10	11.00	
	1660.00	1700.00	CUM	1.00	40.00	2.90	2.60	2.75	0.10	7.80	
	1700.00	1730.00	CUM	1.00	30.00	2.60	2.60	2.60	0.10		Parking Lot-Gate
	1730.00	1736.00	CUM	1.00					0.10		Cross Road-Srinath Gold
	1736.00	1745.00	CUM	1.00					0.10	6.39	
	1745.00	1762.50	CUM	1.00	17.50	4.00	3.30	3.65	0.10		9th B Road
	1762.50	1768.00	CUM	1.00					0.10	6.84	
	1768.00	1780.00	CUM	1.00	12.00	5.70	5.70	5.70	0.10		Temple Entrance
	1780.00	1786.00	CUM	1.00					0.10	2.47	
	1786.00	1805.00	CUM	1.00	19.00	1.30	1.30	1.30	0.10		10th B Main-Travel Point
	1805.00	1815.00	CUM	1.00					0.10	2.34	
	1815.00	1828.00	CUM	1.00	13.00	1.80	1.80	1.80	0.10		11th B Main
	1828.00	1836.00	CUM	1.00					0.10	6.48	
	1836.00	1860.00	CUM	1.00	24.00	2.30	3.10	2.70	0.10		Cross Road -IT Mall
	1860.00	1867.00	CUM	1.00					0.10	2.28	
	1867.00	1880.00	CUM	1.00	13.00	2.00	1.50	1.75	0.10	3.10	
	1880.00	1900.00	CUM	1.00	20.00	1.50	1.60	1.55	0.10	6.40	
	1900.00	1940.00	CUM	1.00	40.00	1.60	1.60	1.60	0.10		

Capc Trivedy

A.E.E. (Project)

164.95

CONTRACTOR

PMC

BBM

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	1940.00	1958.00	CUM	1.00	18.00	1.60	1.80	1.70	0.10	3.06	
	1958.00	1965.00	CUM	1.00					0.10		13th B Main -Samsung
	1965.00	1987.00	CUM	1.00	22.00	1.80	1.30	1.55	0.10	3.41	
	Deductions										
	Shoulder Drain		CUM	-5.00	0.60	1.90	1.90	1.90	0.10	-0.57	CH: 1510-1568
	Shoulder Drain		CUM	-2.00	0.60	2.50	2.50	2.50	0.10	-0.30	CH: 1590-1628
	Shoulder Drain		CUM	-7.00	0.60	3.00	3.00	3.00	0.10	-1.26	CH: 1635-1730
	Tree Pits		CUM	-12.00	1.30	1.50	1.50	1.50	0.10	-2.34	
	PCC - For Footpath										
	Stretch : From CHIKKBOMMSANDRA JUNCTION TO DAIRY CIRCLE JUNCTION - RHS										
	1992.00	1964.00	CUM	1.00	28.00	2.50	2.50	2.50	0.10	7.00	
	1964.00	1958.00	CUM	1.00	6.00				0.10		13th B main Raod
	1958.00	1935.00	CUM	1.00	23.00	2.60	2.60	2.60	0.10	5.98	
	1935.00	1926.00	CUM	1.00	9.00				0.10		Mahalakshmi Sweets
	1926.00	1900.00	CUM	1.00	26.00	2.50	2.70	2.60	0.10	6.76	
	1900.00	1880.00	CUM	1.00	20.00	2.70	2.70	2.70	0.10	5.40	
	1880.00	1860.00	CUM	1.00	20.00	2.70	2.80	2.75	0.10	5.50	
	1860.00	1820.00	CUM	1.00	40.00	2.80	2.40	2.60	0.10	10.40	
	1820.00	1800.00	CUM	1.00	20.00	2.40	2.40	2.40	0.10	4.80	
	1800.00	1760.00	CUM	1.00	40.00	2.40	2.40	2.40	0.10	9.60	
	1760.00	1745.00	CUM	1.00	15.00	2.40	2.60	2.50	0.10	3.75	
	1745.00	1737.00	CUM	1.00	8.00				0.10		Pooham Hardware
	1737.00	1720.00	CUM	1.00	17.00	2.60	2.20	2.40	0.10	4.08	
	1720.00	1680.00	CUM	1.00	40.00	2.20	2.00	2.10	0.10	8.40	
	1680.00	1635.00	CUM	1.00	45.00	2.00	2.50	2.25	0.10	10.13	
	1635.00	1590.00	CUM	1.00	45.00	2.50	2.90	2.70	0.10	12.15	
	1590.00	1583.00	CUM	1.00	7.00				0.10		7th B Main - Madhu Bakery
	1583.00	1575.00	CUM	1.00	8.00	2.60	2.60	2.60	0.10	2.08	
	1575.00	1565.00	CUM	1.00	10.00	2.60	2.60	2.60	0.10	2.60	
	1565.00	1530.00	CUM	1.00	35.00	2.60	2.70	2.65	0.10	9.28	
	1530.00	1495.00	CUM	1.00	35.00	2.70	2.70	2.70	0.10	9.45	
	1495.00	1490.00	CUM	1.00	5.00				0.10		6th B Main-Dry Fruit house
	1490.00	1470.00	CUM	1.00	20.00	3.20	2.60	2.90	0.10	5.80	
	1470.00	1450.00	CUM	1.00	20.00	2.60	2.45	2.53	0.10	5.05	
	1450.00	1430.00	CUM	1.00	20.00	2.45	2.45	2.45	0.10	4.90	
	1430.00	1410.00	CUM	1.00	20.00	2.45	2.45	2.45	0.10	4.90	
	1410.00	1390.00	CUM	1.00	20.00	2.45	2.40	2.43	0.10	4.85	
	1390.00	1370.00	CUM	1.00	20.00	2.40	2.90	2.65	0.10	5.30	
	1370.00	1327.00	CUM	1.00	43.00	2.90	3.00	2.95	0.10	12.69	
	1327.00	1317.00	CUM	1.00	10.00				0.10		4th B Main-Mahaveer Mobile
	1317.00	1280.00	CUM	1.00	37.00	2.70	2.70	2.70	0.10	9.99	
	1280.00	1230.00	CUM	1.00	50.00	2.70	2.70	2.70	0.10	13.50	
	1230.00	1210.00	CUM	1.00	20.00	2.70	2.70	2.70	0.10	5.40	
	1210.00	1170.00	CUM	1.00	40.00	2.70	2.90	2.80	0.10	11.20	
	1170.00	1160.00	CUM	1.00	10.00	2.90	2.90	2.90	0.10	2.90	
	1160.00	1152.00	CUM	1.00	8.00				0.10		1st B Main Road -Raymond
	1152.00	1130.00	CUM	1.00	22.00	2.60	2.80	2.70	0.10	5.94	
	1130.00	1109.00	CUM	1.00	21.00	2.80	2.80	2.80	0.10	5.88	
	Deductions										
	Tree Pits		CUM	-44.00	1.30	1.50	1.50	1.50	0.10	-8.58	
	For HDPE Chambers - PCC										
	Stretch : CHIKKBOMMSANDRA JUNCTION TO DAIRY CIRCLE JUNCTION -LHS & RHS										
	Ch:1197		Cum	2.00	2.65			1.30	0.15	1.03	
	Ch:1369		Cum	2.00	2.65			1.30	0.15	1.03	
	Ch:1440		Cum	2.00	2.65			1.30	0.15	1.03	
	Ch:1560		Cum	2.00	2.65			1.30	0.15	1.03	
	Ch:1645		Cum	2.00	2.65			1.30	0.15	1.03	
	Ch:1790		Cum	2.00	2.65			1.30	0.15	1.03	

A.E.E (Project)

A.E.E (Project)

NCC LIMITED BANGALORE CONTRACTOR

PMC Engineering Consultants Pvt. Ltd. Bengaluru

BBM

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	Ch:1850		Cum	2.00	2.65			1.30	0.15	1.03	
	Ch:1915		Cum	2.00	2.65			1.30	0.15	1.03	
	Ch:1975		Cum	2.00	2.65			1.30	0.15	1.03	
	For CULVERT at CROSS ROADS										
	Stretch : From DAIRY CIRCLE JUNCTION TO CHIKKBOMMSANDRA JUNCTION - RHS										
	1st B Main		CUM	1.00	6.60			1.50	0.15	1.49	
	4th B Main		CUM	1.00	6.60			1.50	0.15	1.49	
	6th B Main		CUM	1.00	6.00			1.50	0.15	1.35	
	12th B Main		CUM	1.00	6.60			1.50	0.15	1.49	
	13th B Main		CUM	1.00	5.40			1.50	0.15	1.22	
	For HDPE PIPE										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road -LHS										
	0.00	10.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	10.00	20.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	20.00	30.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	30.00	40.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	40.00	50.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	50.00	60.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	60.00	70.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	70.00	80.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	80.00	90.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	90.00	100.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	100.00	110.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	110.00	120.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	120.00	130.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	130.00	140.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	140.00	150.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	150.00	160.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	160.00	170.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	170.00	180.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	180.00	190.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	190.00	200.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	200.00	210.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	210.00	220.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	220.00	230.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	230.00	240.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	240.00	250.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	250.00	260.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	260.00	270.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	270.00	280.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road -RHS										
	0.00	10.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	10.00	20.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	20.00	30.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	30.00	40.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	40.00	50.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	50.00	60.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	60.00	70.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	70.00	80.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	80.00	90.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	90.00	100.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	100.00	110.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	110.00	120.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	120.00	130.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	130.00	140.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	140.00	150.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	150.00	160.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	160.00	170.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	

F 280.262

382.32

390.24

Cake Juvely

A.E.E. (Project)

457.84

NCC LIMITED BANGALORE CONTRACTOR

Infra Support Engineering Consultants Pvt. Ltd. PMC

BBM

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	170.00	180.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	180.00	190.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	190.00	200.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	200.00	210.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	210.00	220.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	220.00	230.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	230.00	240.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	240.00	250.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	250.00	260.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	260.00	270.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	270.00	280.00	CUM	1.00	10.00		1.50	1.50	0.10	1.50	
	For Buffer Zone										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road -RHS										
		5.00	CUM	1.00	5.00				0.15		
	5.00	10.00	CUM	1.00	5.00	1.50	1.50	1.50	0.15	1.13	
	10.00	20.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	20.00	30.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	30.00	40.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	40.00	53.00	CUM	1.00	13.00	1.50	1.50	1.50	0.15	2.93	
	53.00	60.00	CUM	1.00	7.00	1.50	1.50	1.50	0.15	1.58	
	60.00	70.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	70.00	80.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	80.00	85.00	CUM	1.00	5.00	1.50	1.50	1.50	0.15	1.13	
	85.00	93.00	CUM	1.00	8.00	1.50	1.50	1.50	0.15	1.80	
	93.00	100.00	CUM	1.00	7.00	1.50	1.50	1.50	0.15	1.58	
	100.00	110.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	110.00	120.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	120.00	122.50	CUM	1.00	2.50	1.50	1.50	1.50	0.15	0.56	
	122.50	129.00	CUM	1.00	6.50	1.50	1.50	1.50	0.15	1.46	
	129.00	130.00	CUM	1.00	1.00	1.50	1.50	1.50	0.15	0.23	
	130.00	135.00	CUM	1.00	5.00	1.50	1.50	1.50	0.15	1.13	
	135.00	142.00	CUM	1.00	7.00	1.50	1.50	1.50	0.15	1.58	
	142.00	150.00	CUM	1.00	8.00	1.50	1.50	1.50	0.15	1.80	
	150.00	161.00	CUM	1.00	11.00	1.50	1.50	1.50	0.15	2.48	
	161.00	166.00	CUM	1.00	5.00	1.50	1.50	1.50	0.15	1.13	
	166.00	170.00	CUM	1.00	4.00	1.50	1.60	1.55	0.15	0.93	
	170.00	180.00	CUM	1.00	10.00	1.60	1.60	1.60	0.15	2.40	
	180.00	190.00	CUM	1.00	10.00	1.60	1.60	1.60	0.15	2.40	
	190.00	200.00	CUM	1.00	10.00	1.60	1.63	1.62	0.15	2.42	
	200.00	210.00	CUM	1.00	10.00	1.63	1.55	1.59	0.15	2.39	
	210.00	214.00	CUM	1.00	4.00	1.55	1.55	1.55	0.15	0.93	
	214.00	219.00	CUM	1.00	5.00	1.55	1.55	1.55	0.15	1.16	
	219.00	230.00	CUM	1.00	11.00	1.55	1.55	1.55	0.15	2.56	
	230.00	250.00	CUM	1.00	20.00	1.55	1.65	1.60	0.15	4.80	
	250.00	260.00	CUM	1.00	10.00	1.65	1.55	1.60	0.15	2.40	
	260.00	270.00	CUM	1.00	10.00	1.55	2.30	1.93	0.15	2.89	
	270.00	273.00	CUM	1.00	3.00	2.30	2.30	2.30	0.15	1.04	
	273.00	279.50	CUM	1.00	6.50	2.30	1.70	2.00	0.15	1.95	
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road -LHS										
		6.20	CUM	1.00	6.20				0.15		
	6.20	10.00	CUM	1.00	3.80	1.50	1.50	1.50	0.15	0.86	
	10.00	20.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	20.00	30.00	CUM	1.00	10.00	1.50	1.59	1.55	0.15	2.32	
	30.00	40.00	CUM	1.00	10.00	1.59	1.50	1.55	0.15	2.32	
	40.00	50.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	50.00	60.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	60.00	70.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	70.00	80.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	

CF 1151.8964

Cafe Kuruby

A.E.E. (Project)

1174.84

Cafe Kuruby

A.E.E. (Project)

Cafe Kuruby

A.E.E. (Project)

555.57

NCC LIMITED BANGALORE CONTRACTOR

Infra Support Engineering Consultants Pvt. Ltd. Bengaluru PMC

BBM

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	80.00	90.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	90.00	100.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	100.00	104.00	CUM	1.00	4.00	1.50	1.50	1.50	0.15	0.90	
	104.00	109.00	CUM	1.00	5.00	1.50	1.50	1.50	0.15	1.13	
	109.00	110.00	CUM	1.00	1.00	1.50	1.50	1.50	0.15	0.23	
	110.00	120.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	120.00	125.00	CUM	1.00	5.00	1.50	1.50	1.50	0.15	1.13	
	125.00	131.50	CUM	1.00	6.50				0.15		6th B Main
	131.50	140.00	CUM	1.00	8.50	1.50	1.50	1.50	0.15	1.91	
	140.00	149.00	CUM	1.00	9.00	1.50	1.50	1.50	0.15	2.03	
	149.00	156.50	CUM	1.00	7.50				0.15		7th B Main
	156.50	160.00	CUM	1.00	3.50	1.59	1.59	1.59	0.15	0.83	
	160.00	170.00	CUM	1.00	10.00	1.59	1.50	1.55	0.15	2.32	
	170.00	180.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	180.00	190.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	190.00	200.00	CUM	1.00	10.00	1.50	1.57	1.54	0.15	2.30	
	200.00	210.00	CUM	1.00	10.00	1.57	1.55	1.56	0.15	2.34	
	210.00	220.00	CUM	1.00	10.00	1.55	1.55	1.55	0.15	2.33	
	220.00	235.00	CUM	1.00	15.00	1.55	1.50	1.53	0.15	3.43	
	235.00	250.00	CUM	1.00	15.00	1.50	1.50	1.50	0.15	3.38	
	250.00	260.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	260.00	270.00	CUM	1.00	10.00	1.50	1.50	1.50	0.15	2.25	
	270.00	279.50	CUM	1.00	9.50	1.50	1.50	1.50	0.15	2.14	
	For Drain PCC										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road - RHS										
		5.00	CUM	1.00	5.00		1.50	1.50	0.15	1.13	
	5.00	10.00	CUM	1.00	5.00		1.50	1.50	0.15	1.13	
	10.00	20.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	20.00	30.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	30.00	40.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	40.00	53.00	CUM	1.00	13.00				0.15		DPS - Gate -3
	53.00	60.00	CUM	1.00	7.00		1.50	1.50	0.15	1.58	
	60.00	70.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	70.00	80.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	80.00	85.00	CUM	1.00	5.00		1.50	1.50	0.15	1.13	
	85.00	93.00	CUM	1.00	8.00				0.15		DPS - Gate -2
	93.00	100.00	CUM	1.00	7.00		1.50	1.50	0.15	1.58	
	100.00	110.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	110.00	120.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	120.00	122.50	CUM	1.00	2.50				0.15		
	122.50	129.00	CUM	1.00	6.50				0.15		DPS - Gate-1
	129.00	130.00	CUM	1.00	1.00		1.50	1.50	0.15	0.23	
	130.00	135.00	CUM	1.00	5.00		1.50	1.50	0.15	1.13	
	135.00	142.00	CUM	1.00	7.00				0.15		PS Gate-1
	142.00	150.00	CUM	1.00	8.00		1.50	1.50	0.15	1.80	
	150.00	161.00	CUM	1.00	11.00		1.50	1.50	0.15	2.48	
	161.00	166.00	CUM	1.00	5.00				0.15		PS Gate-2
	166.00	170.00	CUM	1.00	4.00		1.50	1.50	0.15	0.90	
	170.00	180.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	180.00	190.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	190.00	200.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	200.00	210.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	210.00	214.00	CUM	1.00	4.00		1.50	1.50	0.15	0.90	
	214.00	219.00	CUM	1.00	5.00				0.15		Seshadripuram Gate 5
	219.00	230.00	CUM	1.00	11.00		1.50	1.50	0.15	2.48	
	230.00	250.00	CUM	1.00	20.00		1.50	1.50	0.15	4.50	
	250.00	260.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	260.00	270.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	

555.55

Cape Kundy

A.E.E. (Project)

597.70

Cape Kundy

A.E.E. (Project)

647.88

NCC LIMITED BANGALORE CONTRACTOR

PMC Support Engineering Consultants Pvt. Ltd. Bengaluru

BBM

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	270.00	273.00	CUM	1.00	3.00		1.50	1.50	0.15	0.68	
	273.00	279.50	CUM	1.00	6.50		1.50	1.50	0.15	1.46	Seshadripuram Gate 4
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road - LHS										
		6.20	CUM	1.00	6.20		1.50	1.50	0.15	1.40	
	6.20	10.00	CUM	1.00	3.80		1.50	1.50	0.15	0.86	
	10.00	20.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	20.00	30.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	30.00	40.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	40.00	50.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	50.00	60.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	60.00	70.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	70.00	80.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	80.00	90.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	90.00	100.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	100.00	104.00	CUM	1.00	4.00		1.50	1.50	0.15	0.90	
	104.00	109.00	CUM	1.00	5.00		1.50	1.50	0.15	1.13	
	109.00	110.00	CUM	1.00	1.00		1.50	1.50	0.15	0.23	
	110.00	120.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	120.00	125.00	CUM	1.00	5.00		1.50	1.50	0.15	1.13	
	125.00	131.50	CUM	1.00	6.50				0.15		6th B Main
	131.50	140.00	CUM	1.00	8.50		1.50	1.50	0.15	1.91	
	140.00	149.00	CUM	1.00	9.00		1.50	1.50	0.15	2.03	
	149.00	156.50	CUM	1.00	7.50				0.15		7th B Main
	156.50	160.00	CUM	1.00	3.50		1.50	1.50	0.15	0.79	
	160.00	170.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	170.00	180.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	180.00	190.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	190.00	200.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	200.00	210.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	210.00	220.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	220.00	235.00	CUM	1.00	15.00		1.50	1.50	0.15	3.38	
	235.00	250.00	CUM	1.00	15.00		1.50	1.50	0.15	3.38	
	250.00	260.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	260.00	270.00	CUM	1.00	10.00		1.50	1.50	0.15	2.25	
	270.00	279.50	CUM	1.00	9.50		1.50	1.50	0.15	2.14	
	For Kerb PCC										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road - RHS										
		5.00	CUM	1.00	5.00		0.20	0.20	0.075	0.08	
	5.00	10.00	CUM	1.00	5.00		0.20	0.20	0.075	0.08	
	10.00	20.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	20.00	30.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	30.00	40.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	40.00	53.00	CUM	1.00	13.00		0.20	0.20	0.075	0.20	DPS - Gate -3
	53.00	60.00	CUM	1.00	7.00		0.20	0.20	0.075	0.11	
	60.00	70.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	70.00	80.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	80.00	85.00	CUM	1.00	5.00		0.20	0.20	0.075	0.08	
	85.00	93.00	CUM	1.00	8.00		0.20	0.20	0.075	0.12	DPS - Gate -2
	93.00	100.00	CUM	1.00	7.00		0.20	0.20	0.075	0.11	
	100.00	110.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	110.00	120.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	120.00	122.50	CUM	1.00	2.50		0.20	0.20	0.075	0.04	DPS - Gate -1
	122.50	129.00	CUM	1.00	6.50		0.20	0.20	0.075	0.10	
	129.00	130.00	CUM	1.00	1.00		0.20	0.20	0.075	0.02	
	130.00	135.00	CUM	1.00	5.00		0.20	0.20	0.075	0.08	
	135.00	142.00	CUM	1.00	7.00		0.20	0.20	0.075	0.11	PS Gate-1
	142.00	150.00	CUM	1.00	8.00		0.20	0.20	0.075	0.12	
	150.00	161.00	CUM	1.00	11.00		0.20	0.20	0.075	0.17	

647.88 46

550.02

Cafe Kundle

A.E.E. (Project)

Cafe Kundle

A.E.E. (Project)

7.12.18

CONTRACTOR

PMC

BBM

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	161.00	166.00	CUM	1.00	5.00		0.20	0.20	0.075	0.08	PS Gate-2
	166.00	170.00	CUM	1.00	4.00		0.20	0.20	0.075	0.06	
	170.00	180.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	180.00	190.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	190.00	200.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	200.00	210.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	210.00	214.00	CUM	1.00	4.00		0.20	0.20	0.075	0.06	
	214.00	219.00	CUM	1.00	5.00		0.20	0.20	0.075	0.08	Seshadripuram Gate 5
	219.00	230.00	CUM	1.00	11.00		0.20	0.20	0.075	0.17	
	230.00	250.00	CUM	1.00	20.00		0.20	0.20	0.075	0.30	
	250.00	260.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	260.00	270.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	270.00	273.00	CUM	1.00	3.00		0.20	0.20	0.075	0.05	
	273.00	279.50	CUM	1.00	6.50		0.20	0.20	0.075	0.10	Seshadripuram Gate 4
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road - LHS										
		6.20	CUM	1.00	6.20		0.20	0.20	0.075	0.09	
	6.20	10.00	CUM	1.00	3.80		0.20	0.20	0.075	0.06	
	10.00	20.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	20.00	30.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	30.00	40.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	40.00	50.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	50.00	60.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	60.00	70.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	70.00	80.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	80.00	90.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	90.00	100.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	100.00	104.00	CUM	1.00	4.00		0.20	0.20	0.075	0.06	
	104.00	109.00	CUM	1.00	5.00		0.20	0.20	0.075	0.08	
	109.00	110.00	CUM	1.00	1.00		0.20	0.20	0.075	0.02	
	110.00	120.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	120.00	125.00	CUM	1.00	5.00		0.20	0.20	0.075	0.08	
	125.00	131.50	CUM	1.00	6.50						6th B Main
	131.50	140.00	CUM	1.00	8.50		0.20	0.20	0.075	0.13	
	140.00	149.00	CUM	1.00	9.00		0.20	0.20	0.075	0.14	
	149.00	156.50	CUM	1.00	7.50						7th B Main
	156.50	160.00	CUM	1.00	3.50		0.20	0.20	0.075	0.05	
	160.00	170.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	170.00	180.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	180.00	190.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	190.00	200.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	200.00	210.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	210.00	220.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	220.00	235.00	CUM	1.00	15.00		0.20	0.20	0.075	0.23	
	235.00	250.00	CUM	1.00	15.00		0.20	0.20	0.075	0.23	
	250.00	260.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	260.00	270.00	CUM	1.00	10.00		0.20	0.20	0.075	0.15	
	270.00	279.50	CUM	1.00	9.50		0.20	0.20	0.075	0.14	
	For Footpath										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road -LHS										
		6.20	CUM	1.00	2.47	2.47	2.47	2.47	0.10	0.61	
	6.20	10.00	CUM	1.00	2.47	2.30	2.39	2.34	0.10	0.58	
	10.00	20.00	CUM	1.00	2.30	2.45	2.38	2.41	0.10	0.55	
	20.00	30.00	CUM	1.00	2.45	2.75	2.60	2.68	0.10	0.66	
	30.00	40.00	CUM	1.00	2.75	2.35	2.55	2.45	0.10	0.67	
	40.00	50.00	CUM	1.00	2.35	2.60	2.48	2.54	0.10	0.60	
	50.00	60.00	CUM	1.00	2.60	2.60	2.60	2.60	0.10	0.68	
	60.00	70.00	CUM	1.00	2.60	2.40	2.50	2.45	0.10	0.64	
	70.00	80.00	CUM	1.00	2.40	2.60	2.50	2.55	0.10	0.61	

Cape Kundu
A.E.E. (Project)

Cape Kundu
A.E.E. (Project)

7.28.63

CONTRACTOR

PMC
Bengaluru

BBM

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	80.00	90.00	CUM	1.00	2.60	2.65	2.63	2.64	0.10	0.69	
	90.00	100.00	CUM	1.00	2.65	2.69	2.67	2.68	0.10	0.71	
	100.00	104.00	CUM	1.00	2.69	2.69	2.69	2.69	0.10	0.72	
	104.00	109.00	CUM	1.00	2.69	2.23	2.46	2.35	0.10	0.63	
	109.00	110.00	CUM	1.00	2.23	2.90	2.57	2.73	0.10	0.61	
	110.00	120.00	CUM	1.00	2.90	2.00	2.45	2.23	0.10	0.65	
	120.00	125.00	CUM	1.00	2.00	2.00	2.00	2.00	0.10	0.40	
	125.00	131.50	CUM	1.00					0.10		6th B Main
	131.50	140.00	CUM	1.00	2.35	2.35	2.35	2.35	0.10	0.55	
	140.00	149.00	CUM	1.00	2.35	2.35	2.35	2.35	0.10	0.55	
	149.00	156.50	CUM	1.00					0.10		7th B Main
	156.50	160.00	CUM	1.00	2.95	2.95	2.95	2.95	0.10	0.87	
	160.00	170.00	CUM	1.00	2.95	2.85	2.90	2.88	0.10	0.85	
	170.00	180.00	CUM	1.00	2.85	2.70	2.78	2.74	0.10	0.78	
	180.00	190.00	CUM	1.00	2.70	2.60	2.65	2.63	0.10	0.71	
	190.00	200.00	CUM	1.00	2.60	2.55	2.58	2.56	0.10	0.67	
	200.00	210.00	CUM	1.00	2.55	2.50	2.53	2.51	0.10	0.64	
	210.00	220.00	CUM	1.00	2.50	2.67	2.59	2.63	0.10	0.66	
	220.00	235.00	CUM	1.00	2.67	2.26	2.47	2.36	0.10	0.63	
	235.00	250.00	CUM	1.00	2.26	2.50	2.38	2.44	0.10	0.55	
	250.00	260.00	CUM	1.00	2.50	2.40	2.45	2.43	0.10	0.61	
	260.00	270.00	CUM	1.00	2.40	1.85	2.13	1.99	0.10	0.48	
	270.00	279.50	CUM	1.00	1.85	1.84	1.85	1.84	0.10	0.34	
	Deductions										
			CUM	-1.00	1.70			2.75	0.10	-0.47	
			CUM	-1.00	1.65			1.40	0.10	-0.23	
			CUM	-1.00	1.30			1.47	0.10	-0.19	
			CUM	-1.00	1.89			2.06	0.10	-0.39	
			CUM	-1.00	1.28			1.39	0.10	-0.18	
			CUM	-1.00	1.80			1.70	0.10	-0.31	
			CUM	-1.00	1.05			0.90	0.10	-0.09	
	Tree Pits		CUM	-1.00	1.34			1.56	0.10	-0.21	
			CUM	-1.00	1.34			1.56	0.10	-0.21	
			CUM	-1.00	1.34			1.56	0.10	-0.21	
			CUM	-1.00	1.34			1.56	0.10	-0.21	
			CUM	-1.00	2.50			2.15	0.10	-0.54	
			CUM	-1.00	1.60			1.72	0.10	-0.28	
			CUM	-1.00	2.38			2.70	0.10	-0.64	
			CUM	-1.00	1.23			1.48	0.10	-0.18	
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road -RHS										
		5.00	CUM	1.00	5.00	2.30	2.30	2.30	0.10	1.15	
	5.00	10.00	CUM	1.00	5.00	2.30	2.30	2.30	0.10	1.15	
	10.00	20.00	CUM	1.00	10.00	2.20	2.20	2.20	0.10	2.20	
	20.00	30.00	CUM	1.00	10.00	2.20	2.20	2.20	0.10	2.20	
	30.00	40.00	CUM	1.00	10.00	2.35	2.35	2.35	0.10	2.35	
	40.00	53.00	CUM	1.00	13.00				0.10		DPS - Gate -3
	53.00	60.00	CUM	1.00	7.00	1.60	2.65	2.13	0.10	1.49	
	60.00	70.00	CUM	1.00	10.00	2.65	2.75	2.70	0.10	2.70	
	70.00	80.00	CUM	1.00	10.00	2.75	2.90	2.83	0.10	2.83	
	80.00	85.00	CUM	1.00	5.00	2.90	2.90	2.90	0.10	1.45	
	85.00	93.00	CUM	1.00	8.00				0.10		DPS - Gate -2
	93.00	100.00	CUM	1.00	7.00	2.50	2.50	2.50	0.10	1.75	
	100.00	110.00	CUM	1.00	10.00	2.30	2.30	2.30	0.10	2.30	
	110.00	120.00	CUM	1.00	10.00	2.30	1.75	2.03	0.10	2.03	
	120.00	122.50	CUM	1.00	2.50				0.10		DPS - Gate -1
	122.50	129.00	CUM	1.00	6.50				0.10		
	129.00	130.00	CUM	1.00	1.00	2.32	2.32	2.32	0.10	0.23	
	130.00	135.00	CUM	1.00	5.00	2.32	2.32	2.32	0.10	1.16	

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A.E.E. (Project)

732.49

757.47

NCC LIMITED BANGALORE CONTRACTOR

Infra Support Engineering Consultants Pvt. Ltd. PMC Bengaluru

BBM

Sl No	Chainage From	Chainage To	Unit	Nos	Length	B1	B2	Avg Breadth	Avg Depth	Quantity	Remarks
	135.00	142.00	CUM	1.00	7.00				0.10		PS Gate-1
	142.00	150.00	CUM	1.00	8.00	3.70	2.55	3.13	0.10	2.50	
	150.00	161.00	CUM	1.00	11.00	2.55	2.55	2.55	0.10	2.81	
	161.00	166.00	CUM	1.00	5.00				0.10		PS Gate-2
	166.00	170.00	CUM	1.00	4.00	2.60	2.60	2.60	0.10	1.04	
	170.00	180.00	CUM	1.00	10.00	2.60	2.70	2.65	0.10	2.65	
	180.00	190.00	CUM	1.00	10.00	2.70	2.80	2.75	0.10	2.75	
	190.00	200.00	CUM	1.00	10.00	2.80	2.80	2.80	0.10	2.80	
	200.00	210.00	CUM	1.00	10.00	2.80	2.70	2.75	0.10	2.75	
	210.00	214.00	CUM	1.00	4.00	2.70	2.70	2.70	0.10	1.08	
	214.00	219.00	CUM	1.00	5.00				0.10		Seshadripuram Gate 5
	219.00	230.00	CUM	1.00	11.00	2.65	2.65	2.65	0.10	2.92	
	230.00	250.00	CUM	1.00	20.00	2.75	2.75	2.75	0.10	5.50	
	250.00	260.00	CUM	1.00	10.00	2.80	2.80	2.80	0.10	2.80	
	260.00	270.00	CUM	1.00	10.00	2.00	2.00	2.00	0.10	2.00	
	270.00	273.00	CUM	1.00	3.00	2.00	2.00	2.00	0.10	0.60	
	273.00	279.50	CUM	1.00	6.50				0.10		Seshadripuram Gate 4
	Deductions										
			CUM	-1.00	1.56			1.80	0.10	-0.28	
			CUM	-1.00	1.86			2.20	0.10	-0.41	
			CUM	-1.00	1.30			1.00	0.10	-0.13	
			CUM	-1.00	1.30			1.00	0.10	-0.13	
			CUM	-1.00	1.65			1.65	0.10	-0.27	
			CUM	-1.00	1.40			1.34	0.10	-0.19	
			CUM	-1.00	2.65			3.63	0.10	-0.96	
			CUM	-1.00	0.80			0.80	0.10	-0.06	
			CUM	-1.00	2.90			3.62	0.10	-1.05	
			CUM	-1.00	2.02			1.50	0.10	-0.30	
			CUM	-1.00	2.53			1.90	0.10	-0.48	
		Tree Pits	CUM	-1.00	1.80			1.92	0.10	-0.35	
			CUM	-1.00	1.42			1.45	0.10	-0.21	
			CUM	-1.00	2.40			1.68	0.10	-0.40	
			CUM	-1.00	1.75			1.55	0.10	-0.27	
			CUM	-1.00	2.00			1.49	0.10	-0.30	
			CUM	-1.00	0.88			0.90	0.10	-0.08	
			CUM	-1.00	0.90			0.90	0.10	-0.08	
			CUM	-1.00	0.90			0.90	0.10	-0.08	
			CUM	-1.00	1.20			1.20	0.10	-0.14	
			CUM	-1.00	1.20			1.20	0.10	-0.14	
			CUM	-1.00	2.68			4.55	0.10	-1.22	
			CUM	-1.00	2.20			2.80	0.10	-0.62	
	For HDPE Chambers										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road- LHS										
	1		Cum	1.00	2.90			1.20	0.15	0.52	
	2		Cum	1.00	2.90			1.20	0.15	0.52	
	3		Cum	1.00	2.90			1.20	0.15	0.52	
	4		Cum	1.00	2.90			1.20	0.15	0.52	
	5		Cum	1.00	2.30			1.20	0.15	0.41	
	6		Cum	1.00	2.30			1.20	0.15	0.41	
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road- RHS										
	1		Cum	1.00	2.90			1.20	0.15	0.52	
	2		Cum	1.00	2.90			1.20	0.15	0.52	
	3		Cum	1.00	2.90			1.20	0.15	0.52	
	4		Cum	1.00	2.90			1.20	0.15	0.52	
	5		Cum	1.00	2.30			1.20	0.15	0.41	
	6		Cum	1.00	2.30			1.20	0.15	0.41	
	For Cross Road Culvert MCW										
	Stretch : From Vishnu Park to Sandeep Unnikrishnan Road										

787.59

789.66

781.30

787.34

NCC LIMITED BANGALORE

CONTRACTOR

Infra Support Engineering Consultants Pvt. Ltd. Bengaluru

PMC

BBM